

DOCUMENT RESUME

ED 099 624

CE 002 720

AUTHOR Okes, Imogene F.
TITLE Adult Education in Public School Systems: 1968-69 and 1969-70.
INSTITUTION National Center for Educational Statistics (DHEW/OE), Washington, D.C.
PUB DATE 74
NOTE 118p.; Some appended material (pages 107-16) may be illegible because of small type size; Other tabulated data are also of marginal legibility
AVAILABLE FROM Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402 (Stock No. 1780-01323, \$1.50)
EDRS PRICE MF-\$0.75 HC-\$5.40 PLUS POSTAGE
DESCRIPTORS *Adult Education Programs; Community Colleges; Elementary Education; Federal Programs; *Instructional Staff; Junior Colleges; National Surveys; *Public Education; Secondary Education; *Statistical Data; *Student Enrollment; Tables (Data)

ABSTRACT

More than eight million adult education students were serviced by almost 230,000 instructors in fiscal 1969; more than nine million students were taught by 250,000 instructors in fiscal 1970. For both years, the programs were offered by public elementary or secondary schools or by community or junior colleges. The nationwide survey identifies which of 27 specified or other Federal adult education programs schools participated in, additional programs at other governmental levels, and whether any were sponsored by other organizations. Each program was assigned to one of five categories: basic education, high school equivalency or General Educational Development test preparation, occupational training, general academic or college subjects, and other adult education. Information flow is from identification of adult education in each State or area, to enrollments, staff, and program purpose. Statistics are given for governmental level of sponsorship, 27 selected Federally funded programs, four Office of Education programs, community and junior college programs, and cooperatively offered programs. Enrollment and staff figures are for full-time, part-time, part-time as percent of total, and change between years. (Author/AG)

ED 099624

74-165

Adult Education in Public School Systems

1968-69 and 1969-70

by
Imogene E. Okes
National Center for
Educational Statistics
Office of Education

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Caspar W. Weinberger, *Secretary*
Charles B. Saunders, Jr., *Acting Assistant Secretary for Education*
Office of Education
John Ottina, *Commissioner*

Adult education enrollment in the public education system for the 50 States and the District of Columbia was 8,346,828 in 1968-69 and 9,248,020 in 1969-70.

Between 1968-69 and 1969-70, adult education enrollment in the public education system increased faster than instructional staff: 10.8 percent and 9.2 percent, respectively.

The local level of sponsorship showed the greatest percentage gain in enrollment for adult education in the public education system. Enrollment increased from 1968-69 to 1969-70: Federal sponsorship, 6.0 percent; State, 9.7; local, 23.3.

Adult vocational education enrollment increased, 1969-70 over 1968-69, 6.8 percent, compared with 12.5 percent for all other adult education in the public education system; but instructional staff increased 10.7 percent and 8.6 percent, respectively.

Community college adult education enrollment in 1968-69 was conservatively estimated as 1,275,961, or 15.3 percent of the total adult education in the public education system.

More than a quarter of all adult education programs in the public education system were offered in cooperation with a government agency, community organization, or educational enterprise: 26.2 percent of 839 identifiable programs in 1968-69.

Adult education programs reported and rated by the States for primary purpose showed that nationally 32.7 percent were judged to be for occupational training, 16.1 percent for general and college subjects, 14.0 percent for basic education, 9.7 percent for high school completion or GED (General Education Development), and 5.4 percent for other purposes.

"The purpose and duties of the Office of Education shall be to collect statistics and facts showing the condition and progress of education in the United States, and to disseminate such information respecting the organization and management of schools and school systems, and methods of teaching, as shall aid the people of the United States in the establishment and maintenance of efficient school systems, and otherwise promote the cause of education throughout the country."—General Education Provisions Act, sec. 403a (20 U.S.C. 1221c).

**U.S. GOVERNMENT PRINTING OFFICE
WASHINGTON: 1974**

For sale by the Superintendent of Documents, U.S. Government Printing Office
Washington, D.C. 20402 - Price \$1.50
Stock No. 1740-01323

FOREWORD

Through a series of surveys, the National Center for Educational Statistics seeks to provide a comprehensive picture of the scope and characteristics of adult education in the United States. A study of adults, reported in Participation in Adult Education, 1969: Initial Report, ascertained the sources used for adult education. Studies of these sources have explored adult education as offered by colleges and universities, community organizations, and through the federally funded Adult Basic Education Program.

The survey reported in this publication deals with adult education as offered by the public education system. Originally planned as a study of existing data in State education agencies, the administrative structure for adult education in some of the States prompted the inclusion in this report not only of elementary and secondary school systems but also of adult education offered by community colleges. The basic purpose of the study was to learn the kinds of adult education offered in each State and the numbers of students and instructional staff involved. Comparability was facilitated by asking that data be reported for 27 selected federally sponsored adult education programs. States were also asked to report on other Federal programs as well as adult education initiated by State and local agencies.

The National Association for Public Continuing and Adult Education (NAPCAE) requested the survey and it designated as liaison James R. Dorland, then executive director of the National Council of State Directors of Adult Education (NAPCAE's affiliate). This group appointed a task force to provide advice and assistance; the task force included James H. Fling, of Florida, chairman; John P. Moran, of Maine; and Richard R. Gartner, of Texas.

The survey was planned under the direction of Morris B. Ullman during his service as chief of the Adult and Vocational Education Surveys Branch. F. Loyal Greer served as consultant and played a major role in the preparation of the report. Harold Nisselson reviewed the technical plan. Nicholas A. Osso helped make followup contacts with the States; Geneva C. Davis and Juanita Chase assisted with preparation of material for publication. Summer interns James Hassmer, Robert G. Fellows, and Ronald Benenson helped process the data.

Personnel in every State and outlying area cooperated in providing the statistics on adult education. Their efforts and the desire on the part of the National Council of State Directors of Adult Education to develop a comprehensive report in this area were essential to the success of this project.

Robert Calvert, Jr., Chief
Adult and Vocational Education
Surveys Branch

Dorothy M. Gilford
Assistant Commissioner
for Educational Statistics

CONTENTS

	<u>Page</u>
Foreword	iii
Introduction	1
Identification of Adult Education in Each State or Other Area	2
Reporting Agencies in States and Other Areas	2
Levels of Governmental Sponsorship	2
Selected Federal Programs	3
"Other" Federal Programs	4
State and Local Programs	4
Cooperative Programs	9
Enrollments	15
Selected Federal Programs	17
Four OE Programs	17
Community College Adult Education	19
Cooperating Agencies	20
Components of Adult Education Enrollment Statistics	20
Data From Schools Compared With Data From People	21
Instructional Staff	37
Selected Federal Programs	38
Four OE Programs	38
Community College Adult Education	39
Cooperating Agencies	40
Purposes of Adult Education	55
Ratings	55
Methodology	62
Development of the Survey	62
Definitions	62
Procedures	62
Administering Authorities	63
Levels of Governmental Sponsorship	63
Enrollment and Instructional Staff	64
Review by Potential Respondents	65
Collection of the Data	65
Tests for Adequacy of Returns	67
Verification With State Coordinators	68
Agencies Reporting and Contacted	68
Caveats	68
Duplication	72
Implications for Future Studies	75
Outlook	76
Appendix A--Prior Surveys of Public School Adult Education	78
Appendix B--Selected References	89
Appendix C--Survey Instrument	92

Text Tables

Page

Table a.	Selected Federal programs: United States, 1968-69 and 1969-70	5
Table b.	Components of adult education enrollment statistics: 50 States and D.C., 1968-69	21
Table c.	Number and percent of participants in various sources of adult education: United States, May 1969	22
Table d.	Coordinator appointed by chief State school officer to collect and report statistics for the survey on adult education in the public education system, by State or other area: United States, 1968-69 and 1969-70	66
Table e.	Administering agencies reporting, and contacted for, adult education statistics, by State or other area: United States, 1968-69 and 1969-70	69
Table f.	Duplication information on figures for adult education enrollment and instructional staff, by State or other area: United States, 1968-69	73

Detail Tables

Table 1.	Numbers of programs reported and grouped reportings submitted by each State reporting agency for adult education in the public education system according to the different levels of governmental sponsorship, by State or other area: United States, 1968-69 and 1969-70. . .	11
Table 2.	State-reported participation in 27 selected federally sponsored adult education programs in the public education system, by State or other area: United States, 1968-69 and 1969-70	13
Table 3.	Cooperatively offered adult education as percent of all identifiable programs reported for each level of governmental sponsorship, by State or other area: United States, 1968-69	14
Table 4.	Enrollment in adult education in the public education system at each level of governmental sponsorship, by State or other area: United States, 1968-69	23

Detail Tables--Continued

Page

Table 5.	Changes in adult education enrollments, with numbers for full-time and part-time students, and part-time as percent of total, for each year, by State or other area: United States, 1968-69 and 1969-70	24
Table 6.	Changes in adult education enrollments at each level of governmental sponsorship, with numbers for full-time and part-time students, by State or other area: United States, 1968-69 and 1969-70	25
Table 7.	Changes in enrollments for the 27 selected federally sponsored adult education programs, with numbers for full-time and part-time students, by State or other area: United States, 1968-69 and 1969-70	29
Table 8.	Changes in enrollments for the four OE-sponsored adult education programs, with numbers for full-time and part-time students, by State or other area: United States, 1968-69 and 1969-70	30
Table 9.	Changes in adult education enrollments for community and junior colleges at each level of governmental sponsorship with numbers for full-time and part-time students, by State or other area: United States, 1968-69 and 1969-70	34
Table 10.	Enrollments in cooperatively offered adult education in the public education system at each level of governmental sponsorship, by State or other area: United States, 1968-69	36
Table 11.	Instructional staff for adult education in the public education system, at each level of governmental sponsorship, by State or other area: United States, 1968-69	41
Table 12.	Changes in adult education instructional staff, with numbers for full-time and part-time instructors, and part-time as percent of total, for each year, by State or other area: United States, 1968-69 and 1969-70	42
Table 13.	Changes in adult education instructional staff at each level of governmental sponsorship, with numbers for full-time and part-time instructors, by State or other area: United States, 1968-69 and 1969-70	43
Table 14.	Changes in instructional staff for the 27 selected federally sponsored adult education programs, with numbers for full-time and part-time instructors, by State or other area: United States, 1968-69 and 1969-70	47

Detail Tables--Continued

Page

Table 15.	Changes in instructional staff for the four OE-sponsored adult education programs, with numbers for full-time and part-time instructors, by State or other area: United States, 1968-69 and 1969-70	48
Table 16.	Changes in adult education instructional staff for community and junior colleges at each level of governmental sponsorship, with numbers for full-time and part-time instructors, by State or other area: United States, 1968-69 and 1969-70 .	52
Table 17.	Instructional staff in cooperatively offered adult education in the public education system at each level of governmental sponsorship, by State or other area: United States, 1968-69	54
Table 18.	Description of adult education programs in number of ratings for primary and secondary purposes, at each level of governmental sponsorship for each State or other area and for the Nation, and percents that primary and secondary ratings are of the options available for ratings for the Nation: United States, 1968-69 and 1969-70	58

Appendix Tables

Table A-1	Adult education surveys and their data bases, with public school adult education enrollment statistics as national estimates: United States, 1947-48 through 1969-70	79
Table A-2	Adult education enrollment figures from "Statistics of State School Systems" in Biennial Surveys of Education: United States, 1918-19 through 1967-68	83
Table A-3	Public school adult education instructional staff, in numbers, from previous adult education surveys: United States, 1925-26 through 1969-70	87

INTRODUCTION

This report focuses on the more than 8 million adult education students serviced by almost 230,000 instructors in fiscal year 1969 and the more than 9 million students taught by 250,000 instructors in fiscal year 1970 in the public education system in the 50 States and other areas of the United States. All engaged in adult education offered by public elementary or secondary schools or by community or junior colleges.

The information in this report results from a survey conducted in 1970 by the U.S. Office of Education (OE) and directed to the chief State school officer (CSSO) of each State, the District of Columbia, and outlying area ^{1/} of the United States. The survey coordinators designated by the chiefs were asked to indicate which of 27 specified or other Federal adult education programs their public schools participated in, the additional programs originating at State or local levels, and whether other organizations cooperatively sponsored any of them. They further placed each program, for which they supplied data, in one or more of five descriptive categories: basic education, preparation for high school equivalency or General Education Development (GED) tests, occupational training, general academic or college subjects, and other adult education. All of this was for the purpose of achieving comprehensiveness, comparability, and understanding of the numbers of full-time and part-time students and instructional staff reported by each State and other area.

This report is designed to present all the critical information in the same order that the data were elicited on the form. The flow is from identification of adult education in each State or other area, to enrollments, instructional staff, and purposes of programs. Sets of statistics are given for Federal, State, and local governmental levels of sponsorship, for 27 selected federally funded programs, for four OE programs, for community and junior college programs, and for cooperatively offered programs. Enrollment and staff figures are shown for full-time, part-time, part-time as percent of total, and change from one year to the next. Statistics are given for each State, for outlying areas, for the average State, and for the Nation.

Every State and other area supplied adult education statistics, and only data provided by the States and other areas are presented.

^{1/} American Samoa, Canal Zone, Guam, Puerto Rico, Trust Territory of the Pacific Islands, and the Virgin Islands.

IDENTIFICATION OF ADULT EDUCATION IN EACH STATE AND OTHER AREA

This report covers all adult education activities in which the public education system had some involvement. Lacking an established, commonly accepted definition for adult education and categories for reporting the statistics, selected Federal programs were used as the basic device for locating adult education activities and channeling the reporting about them.

In the general instructions for OE Form 2323 (appendix C) "program" is defined as "a major agency endeavor, mission oriented, which fulfills statutory or executive requirements, and which is defined in terms of the principal actions required to achieve a significant objective."

Tables 1 through 3 reveal the numbers of programs reported by each State, the District of Columbia, and outlying areas according to their reporting agencies, the three levels of governmental sponsorship, the 27 selected Federal programs, and the percent that were cooperatively offered. In all these reports, States differed considerably in their reporting of programs.

Reporting Agencies in States and Other Areas

Of all programs reported by the two levels of agencies administering adult education in the public education system, the State education agency (SEA) for the public elementary and secondary schools and the community colleges (CC) for the public postsecondary schools, approximately one-quarter were attributed to community colleges (table 1).

Levels of Governmental Sponsorship

Not surprisingly, with increasing support from the national Government in recent years, 51 percent of all the 1968-69 and 1969-70 programs reflected Federal contribution (derived from table 1). Although this percentage may have been somewhat inflated (see below), it actually means that there was no Federal participation in at least 49 percent of the programs: those originating within the State systems (22 percent at the State level and 27 percent at the local level).

The initiative generated at the local level may be camouflaged by the fact that for this survey States were requested to report their multisponsored programs at the first-occurring (highest) governmental level. Thus, the indication that 26 percent of all identifiable programs were locally sponsored may be conservative. At the local level, the proportion of community college programs was larger (36 percent) than the proportion of programs administered by State education agencies (24 percent), both exclusive of grouped reportings (derived from table 1).

Grouped reportings also may have contributed to a possible distortion in the proportions of programs at the three levels of governmental sponsorship. Grouped reportings occurred only at the State and local levels when respondents did not differentiate among programs and the line entry of data appeared to represent two or more programs. No attempt was made to infer the number of possible programs from the size of the statistics on enrollments and instructional staff. Of the 433 State and local line entries, only 35, or 8.1 percent, were grouped reportings. Although the number of separate programs masked by grouped reportings is unknown, the statistics, in later sections of this report, on total numbers of enrollments and instructional staff were not affected.

Of all the 851 identifiable programs, 838, or 99 percent, occurred in both 1968-69 and 1969-70. Of the 13 nonrecurring programs, only 1 was in 1968-69 only. Of the 12 programs added in 1969-70 within the public education system, half were for some kind of occupational training or upgrading.

Selected Federal Programs

Each line entry for the Federal level for every State was identified with a specific program. The discussion on "Development of the Survey" relates the process by which the 27 Federal programs were selected as potentially relevant to adult education in the public education system. These programs were listed in OE Form 2323 for explicit consideration by each State and outlying area. The "other" Federal programs were identified by the State (see below).

For the 27 selected Federal programs, 414 separate line entries were identifiable. Each of the 51 national reporting units (the States and the District of Columbia) reporting participation in some of the 27 Federal programs; none of the States reported all 27 Federal programs; the average was 8.1 Federal programs for each State and the District of Columbia.

Participation by each State and outlying area in 1 or more of the 27 selected federally sponsored programs during the 2 years is indicated in table 2. The four most frequently mentioned programs were Adult Basic

Education (ABE), Adult Vocational Education (AVE), Civil Defense Adult Education (CDAE), and Manpower Development and Training (MDT). Each was sponsored by the U.S. Office of Education. Also frequently reported by the States were the WIN program, Vocational Rehabilitation, Neighborhood Youth Corps, Inservice Training of Law Enforcement Personnel, Medical Self-Help Training, and the Community Action Program. The names and brief descriptions of each of the 27 selected Federal programs are given in table a.

"Other" Federal Programs

As shown in table 1, 39 "other" Federal programs were reported. The following are examples of "other" Federal programs. Sometimes the same program was mentioned by more than one State. Seven States were offering occupational training under such titles as Project Hire, Educational Guidance and Opportunities, Vocational Upgrading, Concentrated Employment Program, New Careers, Career Development, and Job Opportunities in the Business Sector (JOBS). Under the Educational Personnel Development Act and title I of the Higher Education Act, six States offered workshops for training of teachers or teacher-aides. The Veterans' Training Program and the Headstart Parent Education Program were each mentioned three times.

Two listings were for older Americans: (1) Enrichment of Living for Residents in Nursing Homes and (2) Training of Senior Citizens in Adult Education. Dealing specifically with urban problems were such programs as Model Cities, Neighborhood Improvement, Urban Centers, and Urban League. One program was oriented to Rural Social Services. Also mentioned were Drug Abuse and National Highway Safety.

State and Local Programs

Because respondents to the parts of OE Form 2323 on State and locally sponsored programs listed their programs in many different ways, a common classification was impossible. [Columns 14 through 18 in the survey instrument (appendix C) provides a redeeming feature. Purposes of the programs for which students enrolled in adult education could be indicated there. The five choices offered to the States permitted comparison of their responses. For each program or line entry of statistics provided, respondents were asked to indicate whether the program should be described as basic education, high school equivalency or GED, occupational training, general and college subjects, or other. The data appear in this report in the section on "Purposes of Programs."]

Table a.--Selected Federal programs: United States, 1968-69 and 1969-70

Program	Administering agency	Description
1 Adult Basic Education	Office of Education, U.S. Department of Health, Education, and Welfare (HEW)	Literacy education for adults age 18 and over for attainment of 8th grade level of education.
2 Adult Vocational Education	Office of Education, HEW	Occupational skill training and retraining for adults.
3 Civil Defense Adult Education	Jointly operated by Office of Education and U.S. Department of Defense (DOD)	Personnel and family survival, radiological monitoring, and shelter management training; initial and refresher courses for adult students and certification of teachers. Program being phased out.
4 Manpower and Training	Jointly operated by Office of Education and Department of Labor (DOL)	Institutional and coupled on-job training and retraining for the unemployed and underemployed age 17 and over.
5 Medical Self-Help Training	Public Health Service, HEW	Health and sanitation training of family members for survival of natural or national disasters.
6 Training of Workers with Older Americans	Administration on Aging, Social and Rehabilitation Service, HEW	Career training of social workers, housing managers, etc. on problems of the elderly.
7 Training of Senior Citizens as School Aides	Administration on Aging, Social and Rehabilitation Service, HEW	Orientation of retired people to be part-time assistants in elementary and secondary schools.
8 Self-Support Education and Training of Parents	Community Services Administration, Social and Rehabilitation Service, HEW	Improve work skills and employability of persons over age 18 who are receiving aid to families with dependent children.
9 WIN (Work Incentive Program)	Jointly operated by Community Services Administration, Social and Rehabilitation Service, HEW and DOL	Basic education and skill training to improve employability of men, women, and out-of-school youth age 16 and over in families receiving aid to dependent children. First offered in fiscal year 1969.

Table a.--Selected Federal programs: United States, 1968-69 and 1969-70--Cont.

Program	Administering agency	Description
10 Vocational Rehabilitation for Physically and Mentally Handicapped	Rehabilitation Services Administration, Social and Rehabilitation Service, HEW	Education of disabled adults for self-support; frequently a reimbursable service in regular school classes.
11 Cuban Refugee Program	Social and Rehabilitation Service, HEW	Improve verbal and employable skills of Cuban refugees to help them become self-sufficient.
12 Agriculture and Home Economics	Federal Extension Service, U.S. Department of Agriculture	Instruction and practical demonstration relating to agriculture and home economics for farm families. Program reoriented also to serve low-income urban families.
13 Armed Forces Off-Duty Volunteer Education Program for Military Personnel: Air Force, Army, Navy, and Marines	DOD	Primarily high school completion courses for enlisted men on active duty. Sometimes contracted to public school systems in vicinity of military bases.
14 Project 100,000	DOD	Remedial, skill, and improved education for men who would have been rejected for military service to enable them to function successfully while in military life and more productively when they return to civilian life.
15 Project Transition	DOD	To increase chances for employment in civilian life for men leaving the service.
16 American Indians Adult Education and Employment Assistance	Bureau of Indian Affairs, U.S. Department of Interior	Adult basic education, orientation for world of work, and skill training for American Indians and Alaskan natives.
17 Citizenship Education and Training	Immigration and Naturalization Service, U.S. Department of Justice (DOJ)	Classes in English language and American Government for aliens who wish to become naturalized citizens of the U.S.

Table a.--Selected Federal programs: United States, 1968-69 and 1969-70--Cont.

Program	Administering agency	Description
18 Federal Prisoners Educational and Vocational Training	Bureau of Prisons, DOJ	Literacy, high school completion, and skill training to prepare prisoners for successful reentry into society.
19 Training in Corrections, Criminal Justice, Law Enforcement	Office of Law Enforcement Assistance, DOJ	Inservice professional, vocational, technical, or subprofessional training to improve the quality of present and prospective correctional, criminal justice, and law enforcement personnel in State or local governments.
20 Neighborhood Youth Corps	Jointly operated by DOL and U.S. Office of Economic Opportunity (OEO)	Literacy and occupational training for out-of-school youths age 16-21 from low-income families.
21 New Careers	Jointly operated by DOL and OEO	To develop subprofessional entry employment in the public services for unemployed low-income adults; includes basic education.
22 Operation Mainstream	Jointly operated by DOL and OEO	Basic education and training to work for betterment and beautification of the community; instruction 1 to 9 hours per week for chronically unemployed adults over age 22.
23 Job Corps Training	1968-69, OEO; 1969-70, DOL	Basic education and skill training for youths age 16-21 to obtain and retain a job.
24 Migrant and Seasonal Farm Workers	OEO	Basic literacy, prevocational, and vocational training, ranging from brief evening sessions to extended day courses, for migrant and seasonal farm workers and non-English-speaking people to enable them to move into the community.

Table a.--Selected Federal programs: United States, 1968-69 and 1969-70--Cont.

Program	Administering agency	Description
25 Community Action Program	OEO	Locally initiated programs in literacy and English as a second language for low-income adults over 18 to prepare them to meet job training and employment requirements.
26 VISTA (Volunteers in Service to America)	OEO (included in part of Action in 1971)	Cross-cultural training of volunteers to work with problems of education, homemaking, health, recreation, etc., in urban areas.
27 Management Development and Training	Small Business Administration	To provide daytime and evening instruction in principles and function of management to present and potential small business owners, particularly American Indians, Negroes, and members of the low-income population.

In naming their programs, State survey coordinators literally followed the specific instructions (appendix C) which asked that State and local programs be listed "as ordinarily reported in your State." Some programs were identified by subject, but many appeared by method of instruction, target group, location or geographic area, funding source, or some other indigenous nomenclature. Examples follow.

Subjects were listed generally and specifically by academic or occupational descriptions: English, mathematics, social studies, fine arts, citizenship, parliamentary procedures, beef-cattle production, auto mechanics, electronics, health and nutrition; personal enrichment, and so on.

Several were described by teaching method: tutorial programs, class instruction, lecture series, discussion groups, sales clinic, guidance conference, teacher workshops, and surveying seminar.

Special target group listings included food handlers, firefighters, drivers, parents, aliens, farmers, senior citizens, workers, and American Indians.

Some programs were reported according to place held: Armstrong High School, Law Enforcement Academy, Opportunities Industrial Center, Division of Corrections, State Reformatory, and State Prison. Others were by geographic location: county, Colebrook, Clovis, Dexter, Langley, and Whitefield.

Funding sources were cited as Minimum Foundation Support, tuition support, and fee. One was described legislatively as Act 252.

Finally, some programs were described simply as adult general education, or standard evening high school.

Cooperative Programs

Adult education is sometimes offered by the public education system in cooperation with another agency or organization. When this occurred, the survey coordinators were asked to specify the name of the cooperating agency. Cooperating agencies were other Federal agencies such as U.S. air bases, other State government agencies such as the State Highway Commission, other local government agencies such as the county welfare office, community organizations such as hospitals or churches, educational agencies such as a school of drafting, and multiagencies such as a combination of bank, chamber of commerce, and skill center.

Cooperation could exist, for instance, in providing funding, teachers, curriculum, facilities, students, or administration. The intent of the survey item was not to measure the kind and amount of cooperation but "to ascertain only whether cooperation exists and with whom."

Of the 839 identifiable, independently operating programs in the 50 States and the District of Columbia in 1968-69, a little over one-quarter of them involved a cooperating agency (table 3). Line entries representing grouped or aggregate reportings were excluded; cooperating agency data were not reported in these cases.

In table 3 it appears that the larger organizational structures with larger resources also utilized cooperating agencies to a larger extent. Eleven of the 17 largest States showed relatively large proportions of their federally sponsored programs to be cooperatively offered as contrasted to their State and local programs.

The possible artifact resulting from the instructions for completing OE Form 2323, which requested that multisponsored programs be reported at the first listed level of governmental sponsorship, proved not to be troublesome because all the cooperating agencies mentioned by the States were external and independent of the public education system.

Cooperating agencies are third parties in the offering of adult education at the Federal level of sponsorship and second parties at the State and local levels. Consequently, the percentage of multiple cooperative involvements for federally sponsored programs was greater than for the State or locally sponsored programs. Federally generated programs were cooperatively offered twice as much as State and local programs. Of the federally sponsored programs 36 percent involved a cooperating agency. State and local each had 15.2 percent of their respective programs cooperatively offered.

Table 3 suggests that the percentage of identifiable programs with cooperating agencies diminishes overall from Federal to local sponsorships. This pattern is particularly evident in four States where identifiable programs existed at each governmental level: Alaska, Nebraska, New Mexico, and New York.

Table 1.--Number of programs reported and grouped reportings submitted by each State reporting agency for adult education in public education system according to the different levels of governmental sponsorship, by State or other area, United States 1968-69 and 1969-70

State reporting agency (and agency reported, when different) 1/	Total number of programs 2/ reported	Level of governmental sponsorship 3/					
		Federal		State		Local	
		Number of identifiable programs		Number of identifiable 5/ programs		Number of identifiable 5/ programs	
		Selected 4/	Other		Grouped 6/ reportings		Grouped 6/ reportings
1	2	3	4	5	6	7	8
50 States and D.C., State Education Agency (SEA)	7/ 886	414	7/ 79	7/ 168	23	230	12
Community College (CC)	644	317	25	123	15	154	10
Both SEA and CC 8/	204	66	12	44	8	73	2
Other	21	17	-	-	-	3	-
	17	14	2	1	-	-	-
State average 9/	17.4	8.1	0.8	5.3	0.5	4.5	0.2
Alabama	11	-	-	-	-	-	-
SEA	-	10	-	-	-	-	-
(CC)	-	-	-	-	1	-	-
Alaska	53	-	-	-	-	-	-
SEA (Combined report) 10/	-	14	*2	17	-	20	-
Arizona	23	-	-	-	-	-	-
SEA	-	1	-	1	-	-	-
CC	-	4	-	5	-	8	-
Both SEA and CC 8/	-	-	-	-	-	-	-
Arkansas	6	-	-	-	-	-	-
SEA	-	5	-	-	1	-	-
California	37	-	-	-	-	-	-
SEA	-	-	-	16	-	-	-
(Combined report) 10/	-	5	-	-	-	-	-
CC	-	-	-	-	-	16	-
Colorado	22	-	-	-	-	-	-
SEA (Combined report) 10/	-	21	-	-	-	1	-
Connecticut	9	-	-	-	-	-	-
SEA	-	5	1	-	1	-	-
CC	-	-	-	-	2	-	-
Delaware	25	-	-	-	-	-	-
SEA	-	9	-	3	-	12	-
(Combined report) 10/	-	-	-	-	-	-	-
District of Columbia	9	-	-	-	1	-	-
SEA	-	6	1	-	2	-	-
Florida	22	-	-	-	-	-	-
SEA	-	5	1	2	-	-	1
CC	-	5	2	-	-	1	1
Both SEA and CC 8/	-	4	-	-	-	-	-
Georgia	8	-	-	-	-	-	-
SEA	-	3	2	-	-	-	-
CC	-	3	-	-	-	-	-
Hawaii	18	-	-	-	-	-	-
SEA	-	11	3	4	-	-	-
Idaho	3	-	-	-	-	-	-
SEA	-	3	-	-	-	-	-
Illinois	41	-	-	-	-	-	-
SEA	-	6	-	-	-	-	1
(Combined report) 10/	-	-	-	4	-	-	-
Indiana	10	-	-	-	-	-	-
SEA	-	8	-	*1	-	-	-
Iowa	32	-	-	-	-	-	-
CC	-	9	*1	18	-	-	-
(SEA)	-	-	-	-	-	4	-
Kansas	26	-	-	-	-	-	-
SEA (Combined report) 10/	-	7	-	19	-	-	-
Kentucky	5	-	-	-	-	-	-
SEA	-	5	-	-	-	-	-
Louisiana	10	-	-	-	-	-	-
SEA	-	8	*1	1	-	-	-
Maine	5	-	-	-	-	-	-
SEA	-	4	-	-	1	-	-
Maryland	42	-	-	-	-	-	-
SEA	-	5	7	-	5	5	-
CC	-	2	3	-	5	5	-
Both SEA and CC 8/	-	5	-	-	-	-	-
Massachusetts	15	-	-	-	-	-	-
SEA	-	4	10	-	-	-	-
Both SEA and CC 8/	-	1	-	-	-	-	-
Michigan	5	-	-	-	-	-	-
SEA	-	5	-	-	-	-	-
Minnesota	10	-	-	-	-	-	-
SEA	-	9	-	-	-	-	-
Mississippi	4	-	-	-	-	-	-
SEA (Combined report) 10/	-	4	-	-	-	-	-
Missouri	27	-	-	-	-	-	-
SEA	-	9	-	-	-	12	-
CC	-	-	-	-	-	6	-
Montana	17	-	-	-	-	-	-
SEA	-	8	*1	-	-	5	-
CC	-	-	-	-	-	1	-
Both SEA and CC 8/	-	1	-	-	-	3	-
Nebraska	30	-	-	-	-	-	-
SEA	-	-	-	-	-	6	-
(CC)	-	-	-	-	-	2	-
(Combined report) 10/	-	16	*1	5	-	-	-
Nevada	7	-	-	-	-	-	-
SEA	-	7	-	-	-	-	-
New Hampshire	48	-	-	-	-	-	-
SEA	-	9	16	-	-	23	-
New Jersey	6	-	-	-	-	-	-
SEA	-	4	-	-	1	-	1

Table 1.--Number of programs reported and grouped reportings submitted by each State reporting agency for adult education in public education system according to the different levels of governmental sponsorship, by State or other area: United States 1968-69 and 1969-70--Continued

State reporting agency (and agency reported, when different) 1/	Total number of programs 2/ reported	Level of governmental sponsorship 3/					
		Federal		State		Local	
		Number of identifiable programs		Number of identifiable 5/ programs	Grouped 6/ reportings	Number of identifiable 5/ programs	Grouped 9/ reportings
		Selected 4/	Other				
1	2	3	4	5	6	7	8
New Mexico	31	-	-	-	-	-	-
SEA	-	9	**1	8	-	5	-
CC	-	-	-	8	-	-	-
New York	52	-	-	-	-	-	-
SEA	-	2	-	1	-	52	-
CC	-	2	2	5	-	5	-
Both SEA and CC 8/	-	1	-	-	-	-	-
Other: Cooperative extn.	-	-	-	-	-	-	-
North Carolina	6	-	-	-	-	-	-
CC	-	5	-	1	-	-	-
North Dakota	6	-	-	-	-	-	-
SEA	-	4	-	*2	-	-	-
Ohio	6	-	-	-	-	-	-
SEA	-	4	-	1	-	-	1
Oklahoma	6	-	-	-	-	-	-
SEA	-	6	-	-	-	-	-
Oregon	15	-	-	-	-	-	-
CC	-	13	-	-	1	-	1
Pennsylvania	39	-	-	-	-	-	-
SEA	-	3	-	4	-	1	-
CC	-	4	*2	5	-	20	-
Rhode Island	9	-	-	-	-	-	-
SEA	-	6	-	2	-	-	1
South Carolina	11	-	-	-	-	-	-
SEA	-	4	4	*2	-	-	1
South Dakota	11	-	-	-	-	-	-
SEA	-	10	-	-	-	-	1
Tennessee	6	-	-	-	-	-	-
SEA	-	-	-	-	-	-	1
(CC)	-	-	-	-	1	-	-
(Combined report) 10/	-	4	-	-	-	-	-
Texas	37	-	-	-	-	-	-
SEA	-	13	-	-	-	24	-
Utah	11	-	-	-	-	-	-
SEA (Combined report) 10/	-	8	-	2	-	1	-
Vermont	7	-	-	-	-	-	-
SEA	-	7	-	-	-	-	-
Virginia	13	-	-	-	-	-	-
SEA	-	4	-	2	-	7	-
Washington	30	-	-	-	-	-	-
CC	-	19	2	2	-	7	-
West Virginia	14	-	-	-	-	-	-
SEA	-	13	-	-	-	-	1
Wisconsin	16	-	-	-	-	-	-
Other: Vocational ed.	-	13	2	1	-	-	-
Wyoming	4	-	-	-	-	-	-
SEA (Combined report) 10/	-	4	-	-	-	-	-
Outlying areas	35	23	-	9	3	-	-
American Samoa	10	-	-	-	-	-	-
CC	-	*5	-	*5	-	-	-
Canal Zone 11/	-	-	-	-	-	-	-
Guam	5	-	-	-	-	-	-
SEA	-	4	-	-	1	-	-
Puerto Rico	11	-	-	-	-	-	-
SEA	-	7	-	4	-	-	-
Trust Terr., Pac. Is.	4	-	-	-	-	-	-
SEA	-	3	-	-	*1	-	-
Virgin Islands	5	-	-	-	-	-	-
SEA	-	4	-	-	1	-	-

1/ When one agency submitted the report for another agency, the second agency is shown in parentheses. For instance, frequently the SEA submitted a separate report for the community colleges, and vice versa.

2/ These are numbers of line entries per State, including both identifiable programs and grouped reportings. These figures provide the bases for later analyses of descriptions of programs.

3/ To avoid duplicate entries when programs had multigovernment sponsorship, the instructions were to enter data at time of first occurrence. Therefore, entries in the Federal column may include programs which had State and local sponsorship also, and the State column may include programs locally sponsored. As this applies throughout the report, this explanation will not be repeated.

4/ See table 2 for distribution, and table 4 for identification, of 27 selected federally sponsored programs.

5/ Programs which were identified by subject, target group, credit given, location or other categorization.

6/ General summarization precluding specific identification.

7/ Includes nonrecurring programs. The 886 total includes one program in 1968-69 only and 12 new ones in 1969-70, as well as grouped reportings.

8/ Both the State education agency and community colleges provided independent but not duplicated data for the same program.

9/ States were equally weighted; to obtain State average, add column and divide by 51. This applies throughout the report.

10/ Precise administering agency or function is obscure and therefore the report is considered to be a combined report covering the State education agency, community college, and other.

11/ Canal Zone does not have any adult instructional programs, although it administers the high school or GED test. This explanation will not be repeated.

* Programs reported for 1969-70 only; of the two identifiable State programs reported by South Carolina, one was for 1969-70 only.

** Program reported for 1968-69 only.

Table 2.--State-reported participation in 27 selected federally sponsored adult education programs in the public education system, by State or other area: United States 1968-69 and 1969-70

State or other area	State-reported participation in 27 selected federally sponsored programs (see table a for identification)																													
	Number	Percent 1/	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
50 States and D.C.	414	-	51	48	45	48	13	7	1	2	32	20	1	10	5	3	10	10	8	9	14	15	10	10	5	11	12	5	9	
State average	8	30.1																												
Alabama	10	37.0	X	X	X	X	X				X	X			X					X	X									
Alaska	14	51.9	X	X	X	X					X	X						X			X	X	X	X			X	X	X	
Arizona	9	33.3	X	X		X					X							X	X		X						X	X		
Arkansas	5	18.5	X								X	X									X	X								
California	5	18.5	X	X	X	X																								
Colorado	21	77.8	X	X	X	X	X	X		X	X	X		X				X		X	X	X	X	X	X	X	X	X	X	X
Connecticut	5	18.5	X	X	X	X					X				X				X	X	X	X	X	X	X	X		X	X	
Delaware	9	33.3	X	X	X	X		X			X	X																		
District of Columbia	6	22.2	X	X	X	X					X								X											
Florida	14	51.9	X	X	X	X			X		X	X	X		X			X			X	X	X			X				
Georgia	6	22.2	X	X	X	X					X								X											
Hawaii	11	40.7	X	X	X	X					X				X					X					X	X		X		
Idaho	5	11.1	X		X						X																			
Illinois	6	22.2	X	X	X	X					X			X																
Indiana	8	29.6	X	X	X	X					X	X							X		X							X		
Iowa	9	33.3	X	X	X	X	X				X	X												X				X		
Kansas	7	25.9	X	X	X	X					X			X					X											
Kentucky	5	18.5	X	X		X					X			X																
Louisiana	8	29.6	X	X	X	X	X				X								X		X									
Maine	4	14.8	X	X	X	X																								
Maryland	12	44.4	X	X	X	X	X				X							X			X					X	X		X	
Massachusetts	5	18.5	X	X	X	X					X							X			X						X	X		X
Michigan	5	18.5	X	X	X	X					X																			
Minnesota	9	33.3	X	X	X	X	X				X	X																		X
Mississippi	4	14.8	X	X	X	X																								
Missouri	9	33.3	X	X	X	X					X							X				X			X		X			
Montana	9	33.3	X	X	X	X	X				X	X						X				X					X			
Nebraska	16	59.3	X	X	X	X	X	X			X	X	X		X	X	X	X	X		X						X	X		
Nevada	7	25.9	X	X	X	X												X								X	X			
New Hampshire	9	33.3	X	X	X	X	X	X			X	X	X									X								
New Jersey	4	14.8	X	X	X	X																								
New Mexico	9	33.3	X	X		X					X				X	X	X					X				X				
New York	7	25.9	X	X	X	X								X																
North Carolina	5	18.5	X	X	X	X															X									
North Dakota	4	14.8	X	X	X	X																								
Ohio	4	14.8	X	X		X					X																			
Oklahoma	6	22.2	X	X	X	X					X							X												
Oregon	13	48.8	X	X	X	X	X				X							X												
Pennsylvania	7	25.9	X	X		X					X										X	X								X
Rhode Island	6	22.2	X	X	X	X					X							X												
South Carolina	4	14.8	X		X	X					X																			
South Dakota	10	37.0	X	X	X	X	X				X	X						X				X						X		
Tennessee	4	14.8	X	X	X	X																								
Texas	13	48.2	X	X	X	X					X							X	X	X		X	X	X	X	X	X		X	X
Utah	8	29.6	X	X	X		X				X	X																X		X
Vermont	7	25.9	X	X	X	X							X						X				X							
Virginia	4	14.8	X	X	X	X																								
Washington	19	70.4	X	X	X	X	X	X			X				X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
West Virginia	13	48.2	X	X	X	X					X	X	X	X							X	X	X	X	X	X	X	X	X	X
Wisconsin	13	48.2	X	X	X	X	X	X			X	X	X	X							X						X	X	X	X
Wyoming	4	14.2	X	X	X	X																								
Outlying areas	23	17.0	5	4	1	5					2	1										2	1		1			1		
American Samoa	5	18.5	X	X		X																X							X	
Canal Zone	-	-																												
Guam	4	14.8	X	X		X					X																			
Puerto Rico	7	25.9	X	X	X	X					X																			
Trust Terr., Pac. Is.	3	11.1	X	X		X					X														X	X				
Virgin Islands	4	14.8	X			X					X											X								

1/ Percent of the 27 selected Federal programs reported by the State.

Table 3.--Cooperatively offered adult education as percent of all identifiable programs reported for each level of governmental sponsorship, by State or other area: United States, 1968-69

State or other area	Total		Level of governmental sponsorship					
			Federal		State		Local	
	Number of identifiable programs	Percent cooperatively offered	Number of identifiable programs	Percent cooperatively offered	Number of identifiable programs	Percent cooperatively offered	Number of identifiable programs	Percent cooperatively offered
1	2	3	4	5	6	7	8	9
50 States and D.C.	839	26.2	445	36.0	164	15.2	230	15.2
Alabama	10	70.0	10	70.0	-	-	-	-
Alaska	51	39.2	14	50.0	17	47.1	20	25.0
Arizona	23	39.1	9	66.7	6	16.7	8	25.0
Arkansas	5	20.0	5	20.0	-	-	-	-
California	37	5.4	5	40.0	16	-0	16	0
Colorado	22	31.8	21	28.6	-	-	1	100.0
Connecticut	6	16.7	6	16.7	-	-	-	-
Delaware	24	20.8	9	22.2	3	0	12	25.0
District of Columbia	7	0	7	0	-	-	-	-
Florida	20	25.0	17	23.5	2	50.0	1	0
Georgia	8	12.5	8	12.5	-	-	-	-
Hawaii	18	5.6	14	0	4	25.0	-	-
Idaho	3	0	3	0	-	-	-	-
Illinois	10	20.0	6	33.3	4	0	-	-
Indiana	8	25.0	8	25.0	-	-	-	-
Iowa	31	3.2	9	11.1	18	0	4	0
Kansas	26	19.2	7	57.2	19	5.3	-	-
Kentucky	5	0	5	0	-	-	-	-
Louisiana	9	11.1	8	12.5	1	0	-	-
Maine	4	25.0	4	25.0	-	-	-	-
Maryland	32	6.3	22	9.1	-	-	10	0
Massachusetts	15	0	5	0	10	0	-	-
Michigan	5	0	5	0	-	-	-	-
Minnesota	9	55.6	9	55.6	-	-	-	-
Mississippi	4	0	4	0	-	-	-	-
Missouri	27	18.5	9	55.6	-	-	18	0
Montana	16	56.3	9	88.9	-	-	7	14.3
Nebraska	29	24.1	16	37.2	5	20.0	8	0
Nevada	7	71.4	7	71.4	-	-	-	-
New Hampshire	48	6.3	9	33.3	16	0	23	0
New Jersey	4	0	4	0	-	-	-	-
New Mexico	31	32.3	10	70.0	16	18.8	5	0
New York	52	17.3	9	66.7	6	16.7	37	5.4
North Carolina	6	16.7	5	20.0	1	0	-	-
North Dakota	4	0	4	0	-	-	-	-
Ohio	5	20.0	4	0	1	100.0	-	-
Oklahoma	6	16.7	6	16.7	-	-	-	-
Oregon	13	30.8	13	30.8	-	-	-	-
Pennsylvania	37	40.5	7	28.6	9	33.3	21	47.6
Rhode Island	8	37.5	6	33.3	2	50.0	-	-
South Carolina	9	66.7	8	75.0	1	0	-	-
South Dakota	10	70.0	10	70.0	-	-	-	-
Tennessee	4	25.0	4	25.0	-	-	24	25.0
Texas	37	37.8	13	61.5	-	-	1	100.0
Utah	11	54.6	8	62.5	2	0	-	-
Vermont	7	28.6	7	28.6	-	-	-	-
Virginia	13	7.7	4	25.0	2	0	7	0
Washington	30	53.3	21	47.6	2	100.0	7	57.1
West Virginia	13	15.4	13	15.4	-	-	-	-
Wisconsin	16	75.0	13	73.3	1	100.0	-	-
Wyoming	4	50.0	4	50.0	-	-	-	-
Outlying areas	22	15.6	18	11.1	4	25.0	-	-
American Samoa	-	-	-	-	-	-	-	-
Canal Zone	4	25.0	4	25.0	-	-	-	-
Guam	11	18.2	7	14.3	4	25.0	-	-
Puerto Rico	3	0	3	0	-	-	-	-
Trust Terr., Pac. Is.	4	0	4	0	-	-	-	-
Virgin Islands	-	-	-	-	-	-	-	-

NOTE.--Entries with grouped data and programs for 1969-70 only were deleted with the result that numbers here are less than in table 1.

ENROLLMENTS

The seven tables in this section present statistics for each reporting unit (State, District of Columbia, and outlying area) on various facets of adult education enrollments in the public education system during the years 1968-69 and 1969-70. Enrollment is studied as a function of level of governmental sponsorship, full-time and part-time attendance, and changes from one year to the next. Data are offered for 27 selected Federal programs, four specific U.S. Office of Education(OE)-fostered programs, community college adult education, and programs involving cooperating agencies. Through subtractions and recombinations of data, various descriptions are possible for adult education enrollments in the public education system.

Table 4 reveals the adult education enrollment figures for the school year of 1968-69 for the public education system by level of governmental sponsorship for the Nation, the States, and the outlying areas. For the 50 States, the District of Columbia, and the outlying areas, the grand total of adult education enrollments was 8,685,576.

Of the total enrollments for the 50 States and the District of Columbia, 55.6 percent were in federally sponsored programs, 21.4 percent in State-sponsored, and 23.1 percent in locally sponsored. As noted in the section identifying adult education, the instructions to the State coordinator supplying the data favored the Federal and State levels. If programs were sponsored by more than one level of government, statistics were to be reported when the program was first encountered. Nevertheless, the totals for the Nation reflect 141,000 more enrollments for local than for State sponsorship; moreover, 21 of the 50 States and D.C. show larger enrollments in the locally sponsored programs than in the State-sponsored programs.

Data on total enrollments for the school years of 1968-69 and 1969-70 are juxtaposed with percentage changes in table 5. For all States except Indiana, there were larger numbers of part-time enrollments (less than 15 hours a week)^{1/} than full-time adult students both years. But, as seen in the summary statistics for the Nation (the U.S. summations and the State averages) the part-time as percent of total decreased from one year to the next, suggesting that more adult students were spending more time on adult education.

^{1/} California education code defines part-time enrollment as less than 10 hours a week.

The fact that more than half of the States showed an increase in full-time students indicates that this characteristic should be watched over a period of time to see whether it becomes a trend.

Table 5 indicates that 42 (82.4 percent) of the States had larger enrollments in 1969-70 than in 1968-69. The average State enrollment appeared to grow faster in numbers than the national percentage based on summed numbers indicated.

National figures in table 6 reveal the percentage increase in adult education enrollments between 1968-69 and 1969-70 to be almost four times greater at the locally sponsored level than at the Federal level. Furthermore, there seems to be a larger proportion of part-time students in locally sponsored activities than in the Federal or State-sponsored programs, shown as follows:

<u>Level of governmental sponsorship</u>	<u>Enrollment, percent part-time</u>	
	<u>1968-69</u>	<u>1969-70</u>
Federal	82.7	81.9
State	81.9	80.7
Local	96.1	95.8

Instructions for completing Form OE 2323 requested separate reporting for on-job professional development teacher workshops given through the public schools. Some States indicated they had inservice teacher workshops but did not provide data. Five States (Alaska, Connecticut, Maryland, Montana, and Pennsylvania) included statistics for special-purpose teacher education, but the numbers of enrollees were insignificant compared with their total numbers of adult students. Nebraska workshops, open to teachers and other interested persons, accounted for 100 percent of the part-time adult education at the State level and almost 10 percent at the local level.

Inservice teacher training data provided by Tennessee and Virginia are omitted from the tables in this report because they were judged to indicate administrative practices rather than adult education services to the public. Both States required 2 weeks of inservice training for all teachers. Tennessee reported 39,000 part-time enrollees serviced by 500 instructional staff for this purpose; this activity would have accounted for almost two-thirds of the

State's adult education. Virginia registered almost 53,500 teachers in professional development workshops held by school districts in 1968-69. Inclusion of these figures would have increased Virginia's total regular part-time adult education enrollments by about 25 percent.

Selected Federal Programs

The 27 selected federally sponsored programs received individual attention by each coordinator because they were listed separately on OE Form 2323. Consequently, data in table 7 on the selected Federal programs provide a sound basis for comparability of adult education enrollment statistics among the States.

Four OE Programs

The preceding enrollment statistics represent, almost without exception, summaries of data for two or more programs. Table 8 deals with data presented separately on four programs that together represented 39 percent of the 8,346,828 enrollments for 1968-69. Their diversity illustrates the point that summations for all four programs can mask individual variations of particular programs.

The four programs selected for this intensive analysis are: Adult Basic Education (ABE), Adult Vocational Education (AVE), Civil Defense Adult Education (CDAE), and Manpower Development and Training (MDT). Each of these programs was federally sponsored through a program office in the Office of Education. Since these programs appeared as the first four line entries encountered by the coordinator on OE Form 2323, and since instructions were to report multi-sponsored programs at time of first occurrence, each could have included data from the State and local levels. Table 2 shows that almost all States listed the four programs as operating within their public education systems.

For the ABE program, figures provided by the State coordinators were essentially the same as in the files of the OE program office. In those few instances where there was considerable difference, the State coordinator explained that the discrepancy was caused by the inclusion of community college figures or by combined program reportage in which ABE was the primary program.

State coordinators offered several explanations for differences in statistics for Adult Vocational Education: definitions caused a problem, it was difficult to differentiate between adult and other kinds of students, the form requested only the public education portion of adult vocational programs in the State, and additional adult vocational figures appeared elsewhere in the return. The last is true especially for Massachusetts, New Jersey, and New York. Some of

these explanations undoubtedly applied to Arkansas, Idaho, and South Carolina, which are known to carry adult vocational programs but submitted no statistics for this public education report. In another example, since the State of Washington estimated State sponsorship of its adult vocational education to be six times that of Federal support, the reporting procedure apparently greatly deflated that State's role in this area.

Differences in reporting figures for Civil Defense Adult Education resulted because the Civil Defense report encompassed or was absorbed into other programs, the Civil Defense program in the State was primarily for high school students and not for adults, or figures provided in the form were from certified attendance records. Many Civil Defense programs for adults were offered outside the public education system.

For Manpower Development and Training, the difference between numbers for starting and completing students may account for some divergencies. In other States, figures reflect trends at the time of reporting, integration with other programs such as vocational education, or their operation outside the public education system.

For all four programs, Office of Education officials reviewed the data for each State, affirmed that absolute agreement with program data could not be expected, and volunteered that the OE 2323 returns appeared reasonable. Consequently, 39 percent of the adult education enrollment statistics in this report were reviewed and found credible.

Examination of part-time as a percentage of total enrollments for the four programs demonstrates the wide differences possible among programs--differences that are undoubtedly explained in their methods and objectives--as follows:

<u>Program</u>	<u>Enrollment, percent part-time</u>	
	<u>1968-69</u>	<u>1969-70</u>
ABE	81.5	80.8
AVE	83.9	83.1
CDAE	94.4	93.8
MDT	8.5	11.0

Table 8 shows that national percentage changes for the four Office of Education programs between 1968-69 and 1969-70 ranged from a decrease of 15.5 percent to an increase of 8.8 percent. Civil Defense Adult Education was starting to be phased out at that time, and the data reflect this fact. Adult Vocational Education, representing 30.1 percent of the total enrollment for 1968-69, indicated only a 6.8 percent increase for 1969-70, compared with the overall 10.8 percent increase, of which Adult Vocational Education was a part. With the exclusion of Adult Vocational Education for the 2 years, the increase for the remaining programs, which could be called adult general education, was 12.5 percent.

Community College Adult Education

State coordinators were asked to submit separate reports for State education agencies and for community colleges administering adult education programs. Because State education systems are organized differently, some were able to do this and others were not. Nineteen States did provide data on adult education for their community or junior colleges. The figures in table 9 for the reported enrollments in community college adult education during 1968-69 were a conservative 15.3 percent of the total adult education enrollment in the public education system (see table 5). Comparing table 9 with table 6 reveals that the reported community college adult education was 18.0 percent of the total at the federally sponsored level, 7.0 percent at the State-sponsored level, and 16.4 percent at the locally sponsored level. The following tabulation shows level of governmental sponsorship in percentage of part-time enrollments in total community college adult education enrollments:

Level of governmental sponsorship	Community college enrollment	
	<u>percent part-time</u>	
	<u>1968-69</u>	<u>1969-70</u>
Total	79.3	76.9
Federal	77.0	74.0
State	98.7	98.5
Local	77.6	75.2

Comparison of these data with those for the overall public education system shown on page 16, indicates that, except for State-sponsored activities there is a higher proportion of full-time students in adult education at community and junior colleges. Conversely, the proportion of part-time students is higher in adult education offered through the public education system as a whole.

Contrary to some expectations, the growth pattern in adult education enrollments for the community and junior colleges as reflected in these statistics is noticeably less (5.2 percent) than that for the overall total in the public education system (10.8 percent) of which community college statistics form a part (see table 5 and 9).

However, the pattern for a greater growth rate at the local level, followed by the State and then Federal levels, still holds; and this same growth pattern is even smoother and steeper for community college adult education than for overall adult education enrollments in the public education system (see tables 9 and 6).

Cooperating Agencies

All except eight States, as indicated in table 10, recorded some enrollment statistics for programs involved with cooperating agencies. The 872,805 enrollees in these cooperative programs represented 10.5 percent of the U.S. total adult education enrollments for 1968-69 (see table 5). By governmental level, these joint program enrollments were 12.7 percent of the U.S. total enrollments in federally sponsored activities, 14.0 percent of those with State sponsorship, and only 1.8 percent of the local total (see table 6).

Components of Adult Education Enrollment Statistics

The data provided in tables 4 through 10 and a few additional statistics from unpublished data collected through OE Form 2323, permit calculation of subtotals for the 1968-69 figures collected on adult education enrollments in the public education system. One perspective is shown in table b, and others are possible using data in the report to more precisely meet particular interests or assumptions.

Table b illustrates how the total figure can be "peeled down" or subtracted across to reveal the various components and arrive at "base" statistics. This scheme permits one to use each separate part and understand the composition of the whole.

Table b.--Components of adult education enrollment statistics: 50 States and D.C., 1968-69

<u>Administering agency</u>	<u>Total</u>	<u>With cooperating agency</u>	<u>Without cooperating agency</u>	<u>Possible duplication</u>	<u>Base statistics</u>
Total	8,346,828	872,805	7,474,023	747,402	6,726,621
SEA	5,116,286	284,332	4,831,954	483,195	4,348,759
CC	1,275,961	188,006	1,087,955	108,796	979,159
Both SEA & CC	891,549	160,919	730,630	73,063	657,567
Voc. ed. (WI)	653,032	239,548	413,484	41,348	372,136
Special N.Y.	410,000	-	410,000	41,000	369,000

The row items for table b represent major categories for agency reporting on enrollment figures. "SEA" refers to statistics clearly relating to the State education agency, and "CC" to those from community and junior colleges. For some programs and statistics, the relevance for either SEA or community colleges was unclear; these data are listed here under "Both SEA & CC." All data from the State of Wisconsin were from the vocational education office, which is given here as "Voc. ed." A special authority in New York dealt with a nutritional program: "Special N.Y."

Statistics in the "base statistics" column in table b exclude cooperating agency data because the degree of cooperative sponsorship was ambiguous. Also reflected is a 10 percent reduction in the resulting figures because of possible duplication (see discussion on duplication in the methodology section). The residual, or base, figures are, indeed, conservative estimates for the various agencies.

Data From Schools Compared With Data From People

In May 1969 the Office of Education secured the cooperation of the Bureau of the Census in using its Current Population Survey to learn which sources for adult education were used by members of the respondent household in the national sample. The resulting data represent unduplicated counts of individuals and have been published by the Office of Education as Participation in Adult Education, 1969: Initial Report (reference 22).

Based on replies to the screener question, it was estimated that 13,150,000 citizens in the United States, ages 17 and over, sought adult education benefits during the year prior to May 1969 from an average of 1.18

kinds of sources. The sources and numbers and percents of estimated participants are shown in table c.

Table c.--Number and percent of participants in various sources of adult education: United States, May 1969

<u>Instructional source</u>	<u>Estimated number of participants</u>	<u>Percent ^{1/} of 13,150,000 participants</u>
Public or private school	3,638,000	27.7
College or university part-time	3,312,000	25.2
Job training	3,613,000	27.5
Correspondence courses	1,052,000	8.0
Community organizations	1,764,000	13.4
Tutor or private instructor	758,000	5.8
Other	1,348,000	10.3

^{1/} Percentages total more than 100.0 because of participation in more than one instructional source of adult education.

From p. 20, Okes, 1971 (reference 22).

These data suggest that the public school is not only the most important sponsor, but probably deserves an even higher participant figure than that recorded. Some private school data undoubtedly contributed to the source figure of "public or private schools." This may be more than offset by the possibility that people listed for other sources were also involved in public education programs. For instance, adult vocational education in the public schools may also represent a number of people identified with "job training."

Table 4.--Enrollments in adult education in the public education system at each level of governmental sponsorship, by State or other area: United States, 1968-69

State or other area	Total	Federally sponsored			State-sponsored	Locally sponsored
		Total Federal	Selected 1/	Other		
1	2	3	4	5	6	7
50 States and D.C.	8,346,828	4,656,822	4,609,685	27,137	1,784,230	1,925,776
State average 2/	163,663.3	90,918.1	90,386.0	532.1	34,984.9	37,760.3
Alabama	159,601	158,188	158,188	-	1,413	-
Alaska	10,246	7,401	7,401	-	1,075	1,770
Arizona	35,427	33,852	33,852	-	390	1,185
Arkansas	8,672	7,272	7,272	-	1,400	-
California	1,076,678	567,591	567,591	-	560,000	149,087
Colorado	82,916	77,611	77,611	-	-	5,305
Connecticut	99,026	26,142	25,783	359	72,884	-
Delaware	27,914	14,838	14,838	-	10,115	2,961
District of Columbia	22,991	9,101	7,709	1,392	13,890	-
Florida	579,309	312,830	297,930	14,900	188,421	78,058
Georgia	152,666	152,666	151,791	875	-	-
Hawaii	29,016	14,241	14,219	22	14,775	-
Idaho	2,848	2,848	2,848	-	-	-
Illinois	304,173	85,052	85,052	-	126,365	92,756
Indiana	95,572	24,101	24,101	-	71,471	-
Iowa	197,412	61,923	61,923	-	61,243	74,246
Kansas	44,955	32,538	32,538	-	12,417	-
Kentucky	32,754	32,754	32,754	-	-	-
Louisiana	80,714	69,634	69,634	-	11,080	-
Maine	22,634	6,992	6,992	-	15,642	-
Maryland	164,578	53,418	51,144	2,274	33,000	78,160
Massachusetts	92,253	25,734	25,734	-	66,519	-
Michigan	134,907	134,907	134,907	-	-	-
Minnesota	271,420	141,420	139,220	2,200	-	130,000
Mississippi	65,096	65,096	65,096	-	-	-
Missouri	93,797	40,463	40,463	-	-	53,334
Montana	23,330	13,742	13,742	-	-	9,588
Nebraska	112,049	78,193	78,193	-	3,871	29,985
Nevada	12,348	12,348	12,348	-	-	-
New Hampshire	24,740	19,273	19,273	-	494	4,973
New Jersey	457,834	49,023	49,023	-	35,854	372,557
New Mexico	10,440	6,932	6,882	50	2,682	826
New York	1,011,971	464,421	464,261	160	30,237	517,313
North Carolina	177,428	171,680	171,680	-	5,748	-
North Dakota	7,566	7,566	7,566	-	-	-
Ohio	321,963	232,879	232,879	-	420	88,664
Oklahoma	32,878	32,878	32,878	-	-	-
Oregon	158,281	110,390	110,390	-	22,080	25,811
Pennsylvania	275,006	103,712	103,712	-	170,619	675
Rhode Island	30,109	7,855	7,855	-	3,047	19,207
South Carolina	39,045	16,078	15,228	850	20,267	2,700
South Dakota	23,960	15,673	15,673	-	-	8,287
Tennessee	65,369	40,937	40,937	-	562	23,870
Texas	344,242	302,539	302,539	-	-	41,703
Utah	62,225	32,243	32,243	-	29,432	550
Vermont	6,277	6,277	6,277	-	-	-
Virginia	217,369	102,937	102,937	-	31,641	82,791
Washington	315,031	288,573	286,060	2,513	5,176	21,252
West Virginia	74,367	66,635	66,635	-	-	7,732
Wisconsin	653,032	493,032	491,490	1,542	160,000	-
Wyoming	2,393	2,393	2,393	-	-	-
Outlying areas	338,748	56,747	56,747	-	282,001	-
American Samoa	-	-	-	-	-	-
Canal Zone	-	-	-	-	-	-
Guam	3,654	721	721	-	2,933	-
Puerto Rico	333,561	54,843	54,843	-	278,718	-
Trust Terr., Pac. Is.	195	195	195	-	-	-
Virgin Islands	1,338	988	988	-	350	-

1/ See table a for identification of 27 selected federally sponsored programs.

2/ States are equally weighted; to obtain State average add up each column and divide by 51.

Table 5.--Changes in adult education enrollment, with numbers of full-time and part-time students, and part-time as a percent of total, for each year, by State or other area: United States, 1968-69 and 1969-70

State or other area	1968-69 enrollments				1969-70 enrollments				Changes in total enrollments, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Part-time as percent of total	Total	Full-time 1/	Part-time 2/	Part-time as percent of total	Number	Percent
1	2	3	4	5	6	7	8	9	10	11
50 States and D.C.	8,346,828	1,200,253	7,146,575	85.6	9,248,020	1,367,760	7,880,260	85.2	901,192	10.8
State average	163,663.3	23,534.4	140,128.9	85.7	181,333.7	26,818.8	154,514.9	84.5	17,670.4	11.1
Alabama	159,601	38,090	121,511	76.1	167,971	42,714	125,257	74.6	8,370	5.2
Alaska	10,246	4,759	5,487	53.6	13,783	5,957	7,826	56.8	3,537	34.5
Arizona	35,427	5,855	29,572	83.5	36,652	10,901	25,751	70.2	1,205	3.4
Arkansas	8,672	837	7,835	90.4	9,562	1,152	8,410	88.0	890	10.3
California	1,076,678	147,571	929,107	86.0	1,205,510	148,862	1,056,648	87.7	128,832	12.0
Colorado	82,916	23,890	59,026	71.2	85,058	22,453	62,605	73.0	1,222	1.5
Connecticut	99,026	4,934	94,092	95.0	105,009	3,724	101,285	96.5	5,983	6.0
Delaware	27,914	2,441	25,473	91.3	24,519	2,797	21,722	88.6	-3,395	-12.2
District of Columbia	22,991	4,677	18,314	79.7	22,281	4,866	17,415	78.2	-710	-3.1
Florida	579,309	118,663	460,646	79.5	625,329	135,580	489,749	78.3	46,020	7.9
Georgia	152,666	5,760	146,906	96.2	150,350	8,157	142,193	94.6	-2,316	-1.5
Hawaii	29,016	8	29,008	100.0	33,863	8	33,855	100.0	4,847	16.7
Idaho	2,848	-	2,848	100.0	3,695	-	3,695	100.0	847	29.7
Illinois	304,173	12,069	292,104	96.0	363,680	14,089	349,591	96.1	59,507	19.6
Indiana	95,572	54,531	41,041	42.9	87,374	59,601	27,773	31.6	-8,198	-8.6
Iowa	197,412	22,577	174,835	88.7	278,156	27,802	250,354	90.0	80,724	40.9
Kansas	44,955	15,666	29,289	65.2	50,382	16,028	34,354	68.2	5,427	12.1
Kentucky	32,754	-	32,754	100.0	37,783	-	37,783	100.0	5,029	15.4
Louisiana	80,714	31,684	49,030	60.8	85,012	33,152	51,860	61.0	4,298	5.3
Maine	22,634	1,061	21,573	95.3	27,857	900	26,957	96.8	5,223	23.1
Maryland	164,578	7,234	157,344	95.6	180,061	7,922	172,139	95.6	15,483	9.4
Massachusetts	92,253	12,990	79,263	85.9	95,990	14,005	81,985	85.4	3,737	4.1
Michigan	134,907	10,300	124,607	92.4	180,546	12,480	168,066	93.1	45,639	33.7
Minnesota	271,420	2,838	268,582	99.0	272,768	4,922	267,846	98.2	1,348	0.5
Mississippi	65,096	10,126	54,970	84.4	71,445	11,020	60,425	84.6	6,349	9.8
Missouri	93,797	15,325	78,472	83.8	114,539	17,686	96,853	84.6	20,742	22.1
Montana	25,330	8,805	16,525	65.3	22,852	8,016	14,836	64.9	-478	-2.0
Nebraska	112,049	4,200	107,849	96.3	120,586	3,950	116,636	96.7	8,537	7.4
Nevada	12,348	3,310	9,038	73.2	12,642	2,954	9,688	76.6	294	2.4
New Hampshire	24,740	3,866	20,874	84.4	22,306	4,195	18,111	81.2	-2,434	-9.8
New Jersey	457,834	6,584	451,250	98.6	691,285	10,585	680,700	98.5	233,451	51.0
New Mexico	10,440	1,523	8,917	85.4	14,604	2,874	11,730	80.3	4,164	39.9
New York	1,011,971	39,937	972,034	96.1	1,070,037	40,049	1,029,988	96.3	58,066	5.7
North Carolina	177,428	27,969	149,459	84.2	206,501	34,491	172,010	83.3	29,073	16.4
North Dakota	7,566	805	6,761	89.4	7,061	881	6,180	87.5	-505	-6.7
Ohio	321,963	58,247	263,716	81.9	347,015	61,938	285,077	82.2	25,052	7.8
Oklahoma	32,878	2,403	30,475	92.7	36,425	3,275	33,150	91.0	3,547	10.8
Oregon	158,281	32,128	126,153	79.7	173,130	39,247	133,883	77.3	14,849	9.4
Pennsylvania	275,006	4,333	270,673	98.4	288,917	4,107	284,810	98.6	13,911	5.1
Rhode Island	30,109	1,468	28,641	95.1	36,250	1,650	34,600	95.5	6,141	20.4
South Carolina	39,045	200	38,845	99.5	55,222	6,960	48,262	87.4	16,177	41.4
South Dakota	23,960	6,080	17,880	74.6	30,531	10,267	20,264	66.4	6,571	27.4
Tennessee	65,369	3,193	62,176	95.1	69,100	3,500	65,600	94.9	3,731	5.7
Texas	344,242	15,170	329,072	95.6	354,362	14,067	340,295	96.0	10,120	2.9
Utah	62,225	1,289	60,936	97.9	71,207	2,354	68,853	96.7	8,982	14.4
Vermont	6,277	535	5,742	91.5	7,603	729	6,874	90.4	1,326	21.1
Virginia	217,369	3,574	213,795	98.4	220,111	4,105	216,006	98.1	2,742	1.3
Washington	315,051	87,842	227,189	72.1	271,352	89,135	182,197	67.2	-43,699	-13.9
West Virginia	74,367	2,371	71,996	96.8	73,560	3,411	69,949	95.4	-1,007	-1.4
Wisconsin	653,032	5,950	647,082	99.1	716,547	7,259	709,288	99.0	63,515	9.7
Wyoming	2,393	787	1,606	67.1	2,519	800	1,719	68.2	126	5.3
Outlying areas	338,748	7,435	331,313	97.8	424,728	9,219	415,509	97.8	85,980	25.4
American Samoa	-	-	-	-	750	457	293	39.1	750	100.0
Canal Zone	-	-	-	-	-	-	-	-	-	-
Guam	3,654	244	3,410	93.3	3,876	189	3,687	95.1	222	6.1
Puerto Rico	333,561	6,408	327,153	98.1	417,528	7,770	409,758	98.1	83,967	25.2
Trust Terr., Pac. Is.	195	195	-	-	929	165	764	82.2	734	376.4
Virgin Islands	1,338	588	750	56.1	1,645	638	1,007	61.2	307	23.0

1/ Full-time is at least 15 hours of instruction per week.

2/ Part-time is less than 15 hours of instruction per week.

3/ Weighted by populous States; to obtain national percent, figure across. This applies throughout the report.

4/ States are equally weighted; to obtain State average, add up column and divide by 51. This applies throughout the report.

5/ Full-time and part-time numbers and percents reflect approximations, as described in table 6, footnote 3, for locally sponsored community colleges.

Table 6.--Changes in adult education enrollments at each level of governmental sponsorship, with numbers for full-time and part-time students, by State or other area: United States, 1968-69 and 1969-70

State or other area and level of governmental sponsorship of adult education	1968-69 enrollments			1969-70 enrollments			Changes in total enrollments, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
<u>50 States and D.C.</u>								
Federal	4,636,822	801,990	3,834,832	4,916,998	891,467	4,025,531	280,176	6.0
State	1,784,230	323,295	1,460,935	1,956,427	376,748	1,579,679	172,197	9.7
Local	1,925,776	74,968	1,850,808	2,374,595	99,545	2,275,050	448,819	23.3
Alabama								
Federal	158,188	37,867	120,321	166,146	42,542	123,604	7,958	5.0
State	1,413	223	1,190	1,825	172	1,653	412	29.2
Local	-	-	-	-	-	-	-	-
Alaska								
Federal	7,401	3,585	3,816	8,492	4,104	4,388	1,091	14.7
State	1,075	1,046	29	1,700	1,397	303	625	58.1
Local	1,770	128	1,642	3,591	456	3,135	1,821	102.9
Arizona								
Federal	33,852	5,833	28,019	35,471	10,876	24,595	1,619	4.8
State	390	-	390	453	-	453	63	16.2
Local	1,185	22	1,163	708	25	683	-477	-40.3
Arkansas								
Federal	7,272	767	6,505	7,762	1,062	6,700	490	6.7
State	1,400	70	1,330	1,800	90	1,710	400	28.6
Local	-	-	-	-	-	-	-	-
California								
Federal	367,591	177,973	189,618	400,680	189,760	210,920	33,089	9.0
State	560,000	230,000	330,000	611,000	271,000	340,000	51,000	9.1
Local	149,087	3/ 65,598	3/ 83,489	193,630	3/ 88,102	3/ 105,528	44,543	29.9
Colorado								
Federal	77,611	22,590	55,021	77,338	21,053	56,285	-273	-4
State	-	-	-	-	-	-	-	-
Local	5,305	1,300	4,005	5,700	1,400	4,300	395	7.5
Connecticut								
Federal	26,142	4,934	21,208	27,134	3,724	23,410	992	3.8
State	72,884	-	72,884	77,875	-	77,875	4,991	6.9
Local	-	-	-	-	-	-	-	-
Delaware								
Federal	14,838	1,292	13,546	13,790	1,475	12,315	-1,048	-7.1
State	10,115	1,149	8,966	8,450	1,322	7,128	-1,665	-16.5
Local	2,961	-	2,961	2,279	-	2,279	-682	-23.0
District of Columbia								
Federal	9,101	3,721	5,380	9,580	3,819	5,761	479	5.3
State	13,890	956	12,934	12,701	1,050	11,651	-1,189	-8.6
Local	-	-	-	-	-	-	-	-
Florida								
Federal	312,830	99,642	213,188	333,240	114,630	218,610	20,410	6.5
State	188,421	19,021	169,400	207,060	20,950	186,110	18,639	9.9
Local	78,058	-	78,058	85,029	-	85,029	6,971	8.9
Georgia								
Federal	152,666	5,760	146,906	150,350	8,157	142,193	-2,316	-1.5
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Hawaii								
Federal	14,241	8	14,233	16,248	8	16,240	2,007	14.1
State	14,775	-	14,775	17,615	-	17,615	2,840	19.2
Local	-	-	-	-	-	-	-	-
Idaho								
Federal	2,848	-	2,848	3,693	-	3,693	847	29.7
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Illinois								
Federal	85,052	12,069	72,983	111,679	12,901	98,778	26,627	31.3
State	126,365	-	126,365	132,678	1,188	131,390	6,313	5.0
Local	92,756	-	92,756	119,323	-	119,323	26,567	28.6

Table 6.--Changes in adult education enrollments at each level of governmental sponsorship, with numbers for full-time and part-time students, by State or other area: United States, 1968-69 and 1969-70--Continued

State or other area and level of governmental sponsorship of adult education	1968-69 enrollments			1969-70 enrollments			Changes in total enrollments, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
Indiana								
Federal	24,101	11,450	12,651	18,946	9,491	9,455	-5,155	-21.4
State	71,471	43,081	28,390	68,428	50,510	18,118	-3,043	-4.3
Local	-	-	-	-	-	-	-	-
Iowa								
Federal	61,923	22,069	39,854	57,189	27,382	29,807	-4,734	-8.0
State	61,243	-	61,243	62,588	-	62,588	1,345	2.2
Local	74,246	308	73,938	158,359	420	157,939	84,113	113.3
Kansas								
Federal	32,538	15,137	17,401	33,188	15,531	17,657	650	2.0
State	12,417	529	11,888	17,194	497	16,697	4,777	38.5
Local	-	-	-	-	-	-	-	-
Kentucky								
Federal	32,754	-	32,754	37,783	-	37,783	5,029	15.4
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Louisiana								
Federal	69,634	20,604	49,030	73,812	21,932	51,880	4,178	6.0
State	11,080	11,080	-	11,200	11,200	-	120	1.1
Local	-	-	-	-	-	-	-	-
Maine								
Federal	6,992	1,061	5,931	7,857	900	6,957	865	12.4
State	15,642	-	15,642	20,000	-	20,000	4,358	27.9
Local	-	-	-	-	-	-	-	-
Maryland								
Federal	33,418	6,652	46,766	55,078	6,976	48,102	1,660	3.1
State	33,000	-	33,000	38,517	-	38,517	5,517	16.7
Local	78,160	582	77,578	86,466	946	85,520	8,506	10.6
Massachusetts								
Federal	25,734	12,790	12,944	27,255	13,655	13,600	1,521	5.9
State	66,519	200	66,319	68,735	350	68,385	2,216	3.3
Local	-	-	-	-	-	-	-	-
Michigan								
Federal	134,907	10,300	124,607	180,346	12,480	167,866	45,439	33.7
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Minnesota								
Federal	141,420	2,838	138,582	142,768	4,922	137,846	1,348	1.0
State	-	-	-	-	-	-	-	-
Local	130,000	-	130,000	130,000	-	130,000	0	0
Mississippi								
Federal	65,096	10,126	54,970	71,445	11,020	60,425	6,349	9.8
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Missouri								
Federal	40,463	9,756	30,707	57,708	13,225	44,483	17,245	42.6
State	-	-	-	-	-	-	-	-
Local	53,334	3,569	49,765	56,831	4,461	52,370	3,497	6.6
Montana								
Federal	13,742	8,577	5,165	14,747	7,724	7,023	1,005	7.3
State	-	-	-	-	-	-	-	-
Local	9,588	228	9,360	8,105	292	7,813	-1,483	-15.5
Nebraska								
Federal	78,193	5,929	74,264	79,801	3,700	76,101	1,608	2.1
State	3,871	271	3,600	6,126	250	5,876	2,255	36.3
Local	29,985	-	29,985	34,459	-	34,459	4,474	14.9
Nevada								
Federal	12,348	3,310	9,038	12,642	2,954	9,688	294	2.4
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-

Table 6.--Changes in adult education enrollments at each level of governmental sponsorship, with numbers for full-time and part-time students, by State or other area: United States, 1968-69 and 1969-70--Continued

State or other area and level of governmental sponsorship of adult education	1968-69 enrollments			1969-70 enrollments			Changes in total enrollments, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
New Hampshire								
Federal	19,273	3,866	15,407	15,734	4,195	11,539	-3,539	-18.4
State	494	-	494	1,517	-	1,517	1,023	207.1
Local	4,973	-	4,973	3,055	-	3,055	82	1.6
New Jersey								
Federal	49,023	6,131	42,892	52,228	10,166	42,062	3,205	6.5
State	35,854	-	35,854	50,102	-	50,102	14,248	39.7
Local	372,957	453	372,504	588,955	419	588,536	215,998	57.9
New Mexico								
Federal	6,932	371	6,561	8,896	1,078	7,818	1,964	28.3
State	2,682	1,152	1,530	4,788	1,796	2,992	2,106	78.5
Local	826	-	826	920	-	920	94	11.4
New York								
Federal	464,421	26,370	438,051	484,943	25,948	458,995	20,522	4.4
State	30,237	13,567	16,670	32,103	14,101	18,002	1,866	6.2
Local	517,313	-	517,313	552,991	-	552,991	35,678	6.9
North Carolina								
Federal	171,680	27,519	144,161	198,852	33,941	164,911	27,172	15.8
State	5,748	450	5,298	7,649	550	7,099	1,901	33.1
Local	-	-	-	-	-	-	-	-
North Dakota								
Federal	7,566	803	6,763	7,036	856	6,180	-530	-7.0
State	-	-	-	25	25	-	25	100.0
Local	-	-	-	-	-	-	-	-
Ohio								
Federal	232,879	57,827	175,052	255,115	61,538	193,577	22,236	9.5
State	420	420	-	400	400	-	-20	-4.8
Local	88,664	-	88,664	91,800	-	91,800	2,836	3.2
Oklahoma								
Federal	32,878	2,403	30,475	36,425	3,275	33,150	3,547	10.8
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Oregon								
Federal	110,390	31,148	79,242	121,480	38,197	83,283	11,090	10.1
State	22,080	80	22,000	25,700	100	25,600	3,620	16.4
Local	25,811	900	24,911	25,950	950	25,000	139	.5
Pennsylvania								
Federal	103,712	4,333	99,379	107,345	4,107	103,238	3,633	3.5
State	170,619	-	107,619	179,782	-	179,782	9,163	5.4
Local	675	-	675	1,790	-	1,790	1,115	165.2
Rhode Island								
Federal	7,855	1,468	6,387	8,105	1,650	6,455	250	3.2
State	3,047	-	3,047	3,145	-	3,145	98	3.2
Local	19,207	-	19,207	25,000	-	25,000	5,793	30.2
South Carolina								
Federal	16,078	200	15,878	22,309	6,960	15,349	6,231	38.8
State	20,267	-	20,267	29,370	-	29,370	9,103	44.9
Local	2,700	-	2,700	3,543	-	3,543	843	31.2
South Dakota								
Federal	15,673	6,005	9,668	19,821	10,161	9,660	4,148	26.5
State	-	-	-	-	-	-	-	-
Local	8,287	75	8,212	10,710	106	10,604	2,423	29.2
Tennessee								
Federal	40,937	3,193	37,744	44,300	3,500	40,800	3,363	8.2
State	562	-	562	800	-	800	238	42.4
Local	23,870	-	23,870	24,000	-	24,000	130	.6
Texas								
Federal	302,539	13,789	288,750	311,468	12,539	298,929	8,929	3.0
State	-	-	-	-	-	-	-	-
Local	41,703	1,381	40,322	42,894	1,528	41,366	1,191	2.9

Table 6.--Changes in adult education enrollments at each level of governmental sponsorship, with numbers for full-time and part-time students, by State or other area: United States, 1968-69 and 1969-70--Continued

State or other area and level of governmental sponsorship of adult education	1968-69 enrollments			1969-70 enrollments			Changes in total enrollments, 1968-69 to 1969-70	
	Total	Full-time ^{1/}	Part-time ^{2/}	Total	Full-time ^{1/}	Part-time ^{2/}	Number	Percent
1	2	3	4	5	6	7	8	9
Utah								
Federal	32,243	1,289	30,954	29,321	2,354	27,167	-2,722	-8.4
State	29,432	-	29,432	40,686	-	40,686	11,254	38.2
Local	550	-	550	1,000	-	1,000	450	81.8
Vermont								
Federal	6,277	335	5,742	7,603	729	6,874	1,326	21.1
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Virginia								
Federal	102,937	3,574	99,363	102,111	4,105	98,006	-826	-.8
State	31,641	-	31,641	33,000	-	33,000	1,359	4.3
Local	82,791	-	82,791	85,000	-	85,000	2,209	2.7
Washington								
Federal	288,573	87,418	201,155	241,707	88,695	153,012	-46,866	-16.2
State	5,176	-	5,176	6,415	-	6,415	1,239	23.9
Local	21,282	424	20,858	23,210	440	22,770	1,928	9.1
West Virginia								
Federal	66,655	2,371	64,284	65,763	3,411	62,352	-872	-1.3
State	-	-	-	-	-	-	-	-
Local	7,732	-	7,732	7,597	-	7,597	-135	-1.7
Wisconsin								
Federal	495,032	5,950	487,082	541,547	7,259	534,288	48,515	9.8
State	160,000	-	160,000	175,000	-	175,000	15,000	9.4
Local	-	-	-	-	-	-	-	-
Wyoming								
Federal	2,393	787	1,606	2,519	800	1,719	126	5.3
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Outlying areas								
Federal	56,747	5,601	51,146	67,937	7,162	60,775	11,190	19.7
State	282,001	1,834	280,167	356,791	2,057	354,734	74,790	26.5
Local	-	-	-	-	-	-	-	-
American Samoa								
Federal	-	-	-	352	162	170	332	100.0
State	-	-	-	418	295	123	418	100.0
Local	-	-	-	-	-	-	-	-
Canal Zone								
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Guam								
Federal	721	244	477	552	189	363	-169	-23.4
State	2,933	-	2,933	3,324	-	3,324	391	13.3
Local	-	-	-	-	-	-	-	-
Puerto Rico								
Federal	54,843	4,574	50,269	65,450	6,008	59,442	10,607	19.3
State	278,718	1,834	276,884	352,078	1,762	350,316	73,360	26.3
Local	-	-	-	-	-	-	-	-
Trust Terr., Pac. Is.								
Federal	195	195	-	358	165	193	163	83.6
State	-	-	-	571	-	571	571	100.0
Local	-	-	-	-	-	-	-	-
Virgin Islands								
Federal	988	588	400	1,245	638	607	257	26.0
State	350	-	350	400	-	400	50	14.3
Local	-	-	-	-	-	-	-	-

^{1/} Full-time is at least 15 hours of instruction per week.^{2/} Part-time is less than 15 hours of instruction per week.^{3/} California community college returns did not reflect full-time and part-time allocations for either enrollment or instructional staff for both years. The California data, exclusive of the community college data, were used as a basis for prorating the total figures provided by the community colleges in order to approximate the full-time and part-time figures for locally sponsored community college adult education.

Table 7.--Changes in enrollments for the 27 selected^{1/} federally sponsored adult education programs, with numbers for full-time and part-time students, by State or other area: United States, 1968-69 and 1969-70

State or other area	1968-69 enrollments			1969-70 enrollments			Changes in total enrollments, 1968-69 to 1969-70	
	Total	Full-time 2/	Part-time 3/	Total	Full-time 2/	Part-time 3/	Number	Percent
1	2	3	4	5	6	7	8	9
50 States and D.C.	4,609,685	791,231	3,818,454	4,882,411	872,848	4,009,563	272,726	5.9
State average	90,386.0	15,514.3	74,871.7	95,733.6	17,114.7	78,619.0	5,347.6	6.7
Alabama	158,188	37,867	120,321	166,146	42,542	123,604	7,958	5.0
Alaska	7,401	3,585	3,816	8,225	3,837	4,388	824	11.1
Arizona	33,852	5,833	28,019	35,471	10,876	24,595	1,619	4.8
Arkansas	7,272	767	6,505	7,762	1,062	6,700	490	6.7
California	367,591	177,973	189,618	400,680	189,760	210,920	33,089	9.0
Colorado	77,611	22,590	55,021	77,338	21,053	56,285	-273	-0.4
Connecticut	25,783	4,934	20,849	26,481	5,724	22,757	698	2.7
Delaware	14,838	1,292	13,546	13,790	1,475	12,315	-1,048	-7.1
District of Columbia	7,709	2,793	4,916	8,024	2,781	5,243	315	4.1
Florida	297,930	91,389	206,541	318,168	106,080	212,088	20,238	6.8
Georgia	151,791	5,760	146,031	149,652	8,157	141,495	-2,139	-1.4
Hawaii	14,219	-	14,219	16,209	-	16,209	1,990	14.0
Idaho	2,848	-	2,848	3,695	-	3,695	847	29.7
Illinois	85,052	12,069	72,983	111,679	12,901	98,778	26,627	31.3
Indiana	24,101	11,450	12,651	18,946	9,491	9,455	-5,155	-21.4
Iowa	61,923	22,069	39,854	56,969	27,182	29,787	-4,954	-8.0
Kansas	32,538	15,137	17,401	33,188	15,531	17,657	650	2.0
Kentucky	32,754	-	32,754	37,783	-	37,783	5,029	15.4
Louisiana	69,634	20,604	49,030	73,607	21,727	51,880	5,973	5.9
Maine	6,992	1,061	5,931	7,857	900	6,957	865	12.4
Maryland	51,144	6,110	45,034	53,074	6,507	46,567	1,930	3.8
Massachusetts	25,734	12,790	12,944	27,255	13,655	13,600	1,521	5.9
Michigan	134,907	10,300	124,607	180,346	12,480	167,866	45,439	33.7
Minnesota	139,220	2,838	136,382	140,568	4,922	135,646	1,348	1.0
Mississippi	65,096	10,126	54,970	71,445	11,020	60,425	6,349	9.8
Missouri	40,463	9,756	30,707	57,708	13,225	44,483	17,245	42.6
Montana	13,742	8,577	5,165	14,535	7,512	7,023	793	5.8
Nebraska	78,193	3,929	74,264	79,651	3,700	75,951	1,458	1.9
Nevada	12,348	3,310	9,038	12,642	2,954	9,688	294	2.4
New Hampshire	19,273	3,866	15,407	15,734	4,195	11,539	-3,539	-18.4
New Jersey	49,023	6,131	42,892	52,228	10,166	42,062	3,205	6.5
New Mexico	6,882	321	6,561	8,896	1,078	7,818	2,014	29.3
New York	464,261	26,246	438,015	484,770	25,814	458,956	20,509	4.4
North Carolina	171,680	27,519	144,161	198,852	33,941	164,911	27,172	15.8
North Dakota	7,566	803	6,763	7,036	856	6,180	-530	-7.0
Ohio	232,879	57,827	175,052	255,115	61,538	193,577	22,236	9.6
Oklahoma	32,878	2,403	30,475	36,425	3,275	33,150	3,547	10.8
Oregon	110,390	31,148	79,242	121,480	38,197	83,283	11,090	10.1
Pennsylvania	103,712	4,333	99,379	107,294	4,081	103,213	3,582	3.5
Rhode Island	7,855	1,468	6,387	8,105	1,650	6,455	250	3.2
South Carolina	15,228	-	15,228	14,763	89	14,674	-465	-3.1
South Dakota	15,673	6,005	9,668	19,821	10,161	9,660	4,148	26.5
Tennessee	40,937	3,193	37,744	44,300	3,500	40,800	3,363	8.2
Texas	302,539	13,789	288,750	311,468	12,539	298,929	8,929	3.0
Utah	32,243	1,289	30,954	29,521	2,354	27,167	-2,722	-8.4
Vermont	6,277	535	5,742	7,603	729	6,874	1,326	21.1
Virginia	102,937	5,574	99,363	102,111	4,105	98,006	26	.8
Washington	286,060	86,764	199,296	239,756	88,056	151,700	-46,364	-16.2
West Virginia	66,635	2,371	64,264	65,763	3,411	62,352	-872	-1.3
Wisconsin	491,490	5,950	485,540	539,957	7,259	532,698	48,467	9.9
Wyoming	2,393	787	1,606	2,519	800	1,719	126	5.3
Outlying areas	56,747	5,601	51,146	67,937	7,162	60,775	11,190	19.7
American Samoa	-	-	-	332	162	170	332	100.0
Canal Zone	-	-	-	-	-	-	-	-
Guam	721	244	477	552	189	363	-169	-23.4
Puerto Rico	54,843	4,574	50,269	65,450	6,008	59,442	10,607	19.3
Trust Terr., Pac. Is.	195	195	-	358	165	193	163	83.6
Virgin Islands	988	588	400	1,245	638	607	257	26.0

1/ See table A for identification of the 27 selected federally sponsored adult education programs.

2/ Full-time is at least 15 hours of instruction per week.

3/ Part-time is less than 15 hours of instruction per week.

Table 8.--Changes in enrollment for the four OE-sponsored adult education programs, with numbers for full-time and part-time students, by State or other area: United States, 1968-69 and 1969-70

State or other area and four OE-sponsored adult education programs	1968-69 enrollments			1969-70 enrollments			Changes in total enrollments, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
50 States and District of Columbia								
Adult Basic Education (ABE)	462,532	85,453	376,889	502,825	96,380	406,445	40,503	8.8
Adult Vocational Education (AVE)	2,508,580	405,141	2,103,439	2,679,169	452,614	2,226,555	170,589	6.8
Civil Defense Adult Education (CDAE)	155,670	8,561	145,109	129,910	8,113	121,797	-25,760	-15.5
Manpower Development and Training (MDT)	131,326	120,136	11,190	135,732	120,852	14,880	4,406	3.4
Alabama								
ABE	11,221	-	11,221	11,250	-	11,250	29	.5
AVE	34,345	-	34,345	38,129	-	38,129	3,784	11.0
CDAE	1,529	-	1,529	1,310	655	655	-219	-14.3
MDT	1,803	1,803	-	1,440	1,440	-	-363	-20.1
Alaska								
ABE	1,064	777	287	1,270	1,119	151	206	19.4
AVE	1,064	939	125	1,175	714	461	111	10.4
CDAE	803	-	-	540	-	-	-353	-59.5
MDT	812	700	112	1,028	728	300	216	26.6
Arizona								
ABE	3,431	1,058	2,373	4,575	1,320	3,255	1,144	33.3
AVE	25,792	468	25,324	25,901	4,816	21,085	109	.4
CDAE	-	-	-	-	-	-	-	-
MDT	2,762	2,687	75	5,000	2,925	75	238	8.6
Arkansas								
ABE	6,797	572	6,225	7,164	764	6,400	367	5.4
AVE	-	-	-	-	-	-	-	-
CDAE	-	-	-	-	-	-	-	-
MDT	-	-	-	-	-	-	-	-
California								
ABE	50,378	50,378	-	55,000	55,000	-	4,622	9.2
AVE	290,873	109,115	181,758	320,000	120,000	200,000	29,127	10.0
CDAE	3,800	-	3,800	4,120	-	4,120	320	8.4
MDT	15,540	15,480	60	10,960	10,960	-	-4,580	-29.5
Colorado								
ABE	3,055	2,425	610	5,400	2,720	680	365	12.0
AVE	47,368	-	47,368	48,500	-	48,500	1,132	2.4
CDAE	1,015	-	1,015	861	-	861	-154	-15.2
MDT	1,150	1,100	50	2,500	1,200	1,300	1,350	117.4
Connecticut								
ABE	9,497	-	9,497	10,000	-	10,000	503	5.3
AVE	11,722	805	10,919	13,192	724	12,468	1,470	12.5
CDAE	433	-	433	289	-	289	-144	-33.3
MDT	3,000	3,000	-	1,800	1,800	-	-1,200	-40.0
Delaware								
ABE	1,044	343	701	1,258	354	904	214	20.5
AVE	11,195	175	11,020	10,740	96	10,644	-455	-4.1
CDAE	1,480	-	1,480	407	-	407	-1,073	-72.5
MDT	401	401	-	413	413	-	12	3.0
District of Columbia								
ABE	2,852	-	2,852	3,476	-	3,476	644	22.7
AVE	1,534	-	1,534	1,234	-	1,234	-300	-19.6
CDAE	138	-	138	108	-	108	-30	-21.7
MDT	848	848	-	1,087	1,087	-	239	28.2
Florida								
ABE	27,117	2,612	24,505	30,000	5,000	27,000	2,883	10.6
AVE	246,754	83,717	163,037	262,634	24,988	167,646	15,880	6.4
CDAE	6,331	-	6,331	5,000	-	5,000	-1,331	-21.0
MDT	2,340	2,340	-	2,677	2,657	20	337	14.4
Georgia								
ABE	17,825	-	17,825	19,317	-	19,317	1,492	8.4
AVE	124,636	-	124,636	118,728	-	118,728	-5,908	-4.7
CDAE	5,573	5,694	1,879	7,064	5,414	1,650	1,481	26.6
MDT	3,580	1,889	1,691	3,700	1,900	1,800	120	3.4
Hawaii								
ABE	8,672	-	8,672	9,539	-	9,539	867	10.0
AVE	2,207	-	2,207	2,428	-	2,428	221	10.0
CDAE	567	-	567	624	-	624	57	10.1
MDT	242	-	242	411	-	411	169	69.8
Idaho								
ABE	1,794	-	1,794	1,800	-	1,800	6	.3
AVE	134	-	134	972	-	972	838	625.4
CDAE	-	-	-	-	-	-	-	-
MDT	-	-	-	-	-	-	-	-
Illinois								
ABE	25,314	4,390	20,924	25,719	4,560	21,159	405	1.6
AVE	39,895	-	39,895	49,218	-	49,218	9,323	23.4
CDAE	1,907	-	1,907	1,907	-	1,907	0	0
MDT	7,070	6,920	150	7,720	7,620	100	650	9.2

Table 8.--Changes in enrollment for the four OE-sponsored adult education programs, with numbers for full-time and part-time students, by State or other area: United States, 1968-69 and 1969-70--Continued

State or other area and four OE-sponsored adult education programs	1968-69 enrollments			1969-70 enrollments			Changes in total enrollments, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
Indiana								
ABE	5,616	860	4,756	6,000	1,000	5,000	384	6.8
AVE	6,256	3,924	2,332	4,027	2,000	2,027	-2,229	-35.6
CDAE	4,294	-	4,294	1,005	-	1,005	-3,289	-76.6
MDT	5,075	5,075	-	2,268	2,268	-	-807	-26.2
Iowa								
ABE	7,648	-	7,648	5,560	-	5,560	-2,088	-27.3
AVE	22,873	8,390	14,483	28,394	10,148	18,246	5,521	24.1
CDAE	8,412	-	8,412	2,061	-	2,061	-6,351	-75.5
MDT	1,479	1,001	398	1,720	1,370	350	241	16.3
Kansas								
ABE	2,340	-	2,340	2,640	-	2,640	300	12.8
AVE	12,360	12,360	-	12,360	12,360	-	0	0
CDAE	766	-	766	230	-	230	-536	-70.0
MDT	1,639	1,399	240	1,863	1,661	202	224	13.7
Kentucky								
ABE	11,446	-	11,446	12,369	-	12,369	923	8.1
AVE	9,869	-	9,869	12,842	-	12,842	2,973	30.1
CDAE	-	-	-	-	-	-	-	-
MDT	6,189	-	6,189	7,172	-	7,172	983	15.9
Louisiana								
ABE	13,438	-	13,438	16,200	1,200	15,000	2,762	20.6
AVE	49,478	16,282	33,196	51,179	16,889	34,290	1,701	3.4
CDAE	1,674	1,674	-	504	-	504	-1,170	-69.9
MDT	2,451	2,255	196	2,450	2,265	185	-1	5/
Maine								
ABE	1,431	-	1,431	1,600	-	1,600	169	11.8
AVE	3,200	-	3,200	4,500	-	4,500	1,300	40.6
CDAE	1,300	-	1,300	857	-	857	-443	-34.1
MDT	1,061	1,061	-	900	900	-	-161	-15.2
Maryland								
ABE	5,595	779	4,816	6,883	1,131	5,752	1,288	23.0
AVE	39,085	197	38,888	39,802	280	39,522	717	1.8
CDAE	-	-	-	17	-	17	17	100.0
MDT	5,252	4,801	451	4,719	4,433	286	-533	-10.2
Massachusetts								
ABE	7,054	90	6,964	7,200	100	7,100	166	2.4
AVE	8,500	8,500	-	9,000	9,000	-	500	5.9
CDAE	6,200	200	6,000	6,800	300	6,500	600	9.7
MDT	3,900	3,900	-	4,100	4,100	-	200	5.1
Michigan								
ABE	13,211	-	13,211	15,409	-	15,409	2,198	16.6
AVE	111,396	-	111,396	145,532	-	145,532	34,136	30.6
CDAE	-	-	-	6,905	-	6,905	6,905	100.0
MDT	3,794	3,794	-	4,800	4,780	20	1,006	26.5
Minnesota								
ABE	2,507	478	2,029	2,762	644	2,118	255	10.2
AVE	98,382	-	98,382	102,197	-	102,197	3,815	3.2
CDAE	11,470	-	11,470	7,061	-	7,061	-4,409	-38.4
MDT	2,390	2,360	30	3,183	3,113	70	793	33.2
Mississippi								
ABE	9,354	-	9,354	9,372	105	9,267	18	0.2
AVE	41,891	6,791	35,100	45,500	7,500	38,000	3,609	8.6
CDAE	10,516	-	10,516	13,158	-	13,158	2,642	25.1
MDT	3,335	3,335	-	3,415	3,415	-	80	2.4
Missouri								
ABE	6,841	-	6,841	9,133	-	9,133	2,292	33.5
AVE	29,663	5,933	23,730	41,089	8,218	32,871	11,426	38.5
CDAE	131	-	131	28	-	28	-103	-78.6
MDT	3,018	3,018	-	3,336	3,336	-	318	10.5
Montana								
ABE	744	166	578	721	311	410	-23	-3.1
AVE	1,950	-	1,950	2,144	-	2,144	194	10.0
CDAE	2,624	-	2,624	4,444	-	4,444	1,820	69.4
MDT	571	571	-	675	675	-	104	18.2
Nebraska								
ABE	1,740	-	1,740	2,100	-	2,100	360	20.7
AVE	19,752	1,025	18,727	19,025	1,025	18,000	-727	-3.7
CDAE	1,540	-	1,540	1,500	-	1,500	-40	-2.6
MDT	1,046	1,009	37	1,100	600	500	54	5.2
Nevada								
ABE	1,390	-	1,390	1,550	-	1,550	160	11.5
AVE	8,908	2,000	6,908	9,500	2,500	7,000	592	6.7
CDAE	700	-	700	893	-	893	193	27.6
MDT	1,310	1,310	-	454	454	-	-856	-65.3

Table B.--Changes in enrollment for the four OE-sponsored adult education programs, with numbers for full-time and part-time students, by State or other area: United States, 1968-69 and 1969-70--Continued

State or other area and four OE-sponsored adult education programs	1968-69 enrollments			1969-70 enrollments			Changes in total enrollments, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 2/	Part-time 3/	Number	Percent
1	2	3	4	5	6	7	8	9
New Hampshire								
ABE	1,024	-	1,024	1,250	53	1,197	226	22.1
AVE	1,633	-	1,633	2,274	-	2,274	641	39.3
CDAE	385	-	385	787	-	787	402	104.4
MDT	711	678	33	861	519	342	150	21.1
New Jersey								
ABE	9,947	-	9,947	11,400	-	11,400	1,453	14.6
AVE	26,660	-	26,660	27,839	-	27,839	1,179	4.4
CDAE	6,285	-	6,285	2,623	-	2,623	-3,662	-58.3
MDT	6,131	6,131	-	10,366	10,166	200	4,235	69.1
New Mexico								
ABE	3,294	-	3,294	4,248	-	4,248	954	29.0
AVE	3,182	60	3,122	3,695	175	3,520	513	16.1
CDAE	-	-	-	-	-	-	-	-
MDT	-	-	-	297	297	-	297	100.0
New York								
ABE	18,325	18,325	-	19,280	19,280	-	955	5.2
AVE	27,672	31	27,641	28,636	33	28,603	964	3.5
CDAE	326	-	326	301	-	301	-25	-7.7
MDT	7,890	7,890	-	6,501	6,501	-	-1,389	-17.6
North Carolina								
ABE	22,542	-	22,542	26,398	-	26,398	3,856	17.1
AVE	141,796	25,603	116,193	167,717	32,138	135,579	25,921	18.3
CDAE	3,601	-	3,601	1,041	-	1,041	-2,560	-71.1
MDT	1,916	1,916	-	1,803	1,803	-	-113	-5.9
North Dakota								
ABE	691	-	691	874	-	874	183	26.5
AVE	4,786	403	4,383	4,365	480	3,885	-421	-8.8
CDAE	1,689	-	1,689	1,421	-	1,421	-268	-15.9
MDT	400	400	-	376	376	-	-24	-6.0
Ohio								
ABE	12,739	-	12,739	15,000	-	15,000	2,261	17.7
AVE	170,614	8,376	162,238	187,089	8,627	178,462	16,475	9.7
CDAE	-	-	-	-	-	-	-	-
MDT	3,740	3,665	75	4,026	3,911	115	286	7.6
Oklahoma								
ABE	8,147	1,000	7,147	9,100	1,100	8,000	953	11.7
AVE	22,000	-	22,000	23,800	-	23,800	1,800	8.2
CDAE	258	-	258	270	-	270	12	4.7
MDT	1,363	1,363	-	2,175	2,175	-	812	59.6
ABE	2,397	105	2,292	3,009	150	2,859	612	25.5
AVE	37,706	29,258	8,448	46,284	35,914	10,370	8,578	22.7
CDAE	3,092	-	3,092	1,302	-	1,302	-1,790	-57.9
MDT	1,435	1,375	60	1,599	1,529	70	164	11.4
Pennsylvania								
ABE	14,464	-	14,464	13,980	-	13,980	-484	-3.3
AVE	84,590	-	84,590	88,819	-	88,819	4,229	4.0
CDAE	-	-	-	-	-	-	-	-
MDT	4,573	4,333	240	4,273	4,081	192	-300	-6.6
Rhode Island								
ABE	1,798	-	1,798	1,980	-	1,980	182	10.1
AVE	4,006	323	3,683	3,951	515	3,436	-55	-1.4
CDAE	765	-	765	710	-	710	-55	-7.2
MDT	1,005	990	15	1,015	1,000	15	10	1.0
South Carolina								
ABE	13,164	-	13,164	13,326	-	13,326	162	1.2
AVE	-	-	-	-	-	-	-	-
CDAE	1,564	-	1,564	835	-	835	-729	-46.6
MDT	500	-	500	513	-	513	13	2.6
South Dakota								
ABE	1,225	325	900	1,450	450	1,000	225	18.4
AVE	5,053	1,015	4,038	7,632	2,929	4,703	2,579	51.0
CDAE	1,610	-	1,610	397	-	397	-1,213	-75.3
MDT	369	369	-	299	259	60	-70	-19.0
Tennessee								
ABE	14,304	-	14,304	15,000	-	15,000	696	4.9
AVE	22,271	-	22,271	25,000	-	25,000	2,729	12.3
CDAE	1,169	-	1,169	800	-	800	-369	-31.6
MDT	3,193	3,193	-	3,500	3,500	-	307	9.6
Texas								
ABE	45,000	-	45,000	49,000	-	49,000	4,000	8.9
AVE	218,767	-	218,767	220,000	-	220,000	1,233	0.6
CDAE	24,600	2,100	22,500	26,700	700	26,000	2,100	8.5
MDT	8,437	8,231	206	9,295	8,848	447	858	10.2

Table 8.--Changes in enrollment for the four OE-sponsored adult education programs, with numbers for full-time and part-time students, by State or other area: United States, 1968-69 and 1969-70--Continued

State or other area and four OE-sponsored adult education programs	1968-69 enrollments			1969-70 enrollments			Changes in total enrollments, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
Utah								
h ABE	1,676	-	1,676	1,396	-	1,396	-280	-16.7
AVE	20,576	-	20,576	21,000	-	21,000	424	2.1
CDAE	4,316	-	4,316	1,165	-	1,165	-3,151	-73.0
MDT	-	-	-	-	-	-	-	-
Vermont								
ABE	2,020	-	2,020	2,386	-	2,386	366	18.1
AVE	3,129	-	3,129	3,675	-	3,675	546	17.5
CDAE	450	-	450	587	-	587	137	30.4
MDT	533	485	48	715	679	36	182	34.2
Virginia								
ABE	10,761	-	10,761	11,000	-	11,000	239	2.2
AVE	82,790	-	82,790	85,000	-	85,000	2,210	2.7
CDAE	5,770	-	5,770	1,957	-	1,957	-3,813	-66.1
MDT	3,616	3,574	42	4,154	4,105	49	538	14.9
Washington								
ABE	4,149	300	3,849	4,421	394	4,027	272	6.6
AVE	175,458	79,016	96,442	140,641	80,095	60,546	-34,817	-19.8
CDAE	13,831	-	13,831	9,274	-	9,274	-4,557	-32.9
MDT	1,855	1,855	-	1,800	1,800	-	-55	-3.0
West Virginia								
ABE	10,195	150	10,045	10,058	1,250	8,808	-137	-1.3
AVE	17,441	-	17,441	18,000	-	18,000	559	3.2
CDAE	3,328	-	3,328	3,456	-	3,456	128	3.9
MDT	646	646	-	593	593	-	-53	-8.2
Wisconsin								
ABE	3,401	300	3,101	4,090	375	3,715	689	20.3
AVE	136,929	-	136,929	154,194	-	154,194	17,265	12.6
CDAE	6,487	-	6,487	7,000	-	7,000	513	7.9
MDT	2,555	2,555	-	2,280	2,280	-	-275	-10.8
Wyoming								
ABE	703	-	703	912	-	912	209	29.7
AVE	573	437	136	588	450	138	15	2.6
CDAE	717	-	717	619	-	619	-98	-13.7
MDT	400	350	50	400	350	50	0	0
Outlying areas								
ABE	21,053	-	21,053	20,278	45	20,233	-775	-3.7
AVE	24,180	1,114	23,066	40,858	958	39,900	16,678	69.0
CDAE	6,965	-	6,965	465	-	465	-6,500	-93.3
MDT	2,835	2,773	62	2,995	2,818	177	160	5.6
American Samoa								
ABE	-	-	-	135	45	90	135	100.0
AVE	-	-	-	73	13	60	73	100.0
CDAE	-	-	-	-	-	-	-	-
MDT	-	-	-	75	55	20	75	100.0
Canal Zone								
ABE	-	-	-	-	-	-	-	-
Guam								
ABE	476	-	476	362	-	362	-114	-23.9
AVE	100	99	1	92	91	1	-8	-8.0
CDAE	-	-	-	-	-	-	-	-
MDT	122	122	-	75	75	-	-47	-38.5
Puerto Rico								
ABE	20,239	-	20,239	19,238	-	19,238	-1,001	-4.9
AVE	24,080	1,015	23,065	40,573	834	39,739	16,493	68.5
CDAE	6,965	-	6,965	465	-	465	-6,500	-93.3
MDT	2,456	2,456	-	2,543	2,543	-	87	3.5
Trust Terr., Pac. Is.								
ABE	-	-	-	93	-	93	93	100.0
AVE	-	-	-	120	20	100	120	100.0
CDAE	-	-	-	-	-	-	-	-
MDT	195	195	-	145	145	-	-50	-25.6
Virgin Islands								
ABE	338	-	338	450	-	450	112	33.1
AVE	-	-	-	-	-	-	-	-
CDAE	-	-	-	-	-	-	-	-
MDT	62	-	62	157	-	157	95	153.2

1/ Full-time is at least 15 hours of instruction per week.

2/ Part-time is less than 15 hours of instruction per week.

3/ Less than 0.05 percent.

NOTE.--See text for explanation of difference in figures provided by State respondents to this survey and figures reported by program offices in the Office of Education.

Table 9.--Changes in adult education enrollments for community and junior colleges at each level of governmental sponsorship, with numbers for full-time and part-time students, by State or other area: United States, 1969-69 and 1969-70

State or other area and level of governmental sponsorship of adult education	1968-69 enrollments			1969-70 enrollments			Changes in total enrollments, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
50 States and D.C.	1,275,961	264,440	1,011,521	1,341,744	309,611	1,032,133	65,783	5.2
Federal	834,190	192,047	642,143	820,389	213,178	607,211	-13,801	-1.7
State	125,342	1,652	123,690	140,886	2,163	138,723	15,544	12.4
Local	316,429	70,741	245,688	380,469	94,270	286,199	64,040	20.2
Alabama	1,413	223	1,190	1,825	172	1,653	412	29.2
Federal	-	-	-	-	-	-	-	-
State	1,413	223	1,190	1,825	172	1,653	412	29.2
Local	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Arizona	4,342	2,323	2,019	3,250	1,618	1,632	-1,092	-25.1
Federal	3,067	2,301	766	2,436	1,593	843	-631	-20.6
State	90	-	90	106	-	106	16	17.8
Local	1,185	22	1,163	708	25	683	-477	-40.3
Arkansas	-	-	-	-	-	-	-	-
California	149,087	65,598	83,489	193,630	88,102	105,528	44,543	29.9
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Local	149,087	65,598	83,489	193,630	88,102	105,528	44,543	29.9
Colorado	-	-	-	-	-	-	-	-
Connecticut	2,565	-	2,565	2,875	-	2,875	310	12.1
Federal	-	-	-	-	-	-	-	-
State	2,565	-	2,565	2,875	-	2,875	310	12.1
Local	-	-	-	-	-	-	-	-
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	139,231	18,823	120,408	151,724	20,395	131,329	12,493	9.0
Federal	61,173	18,823	42,350	66,695	20,395	46,300	5,522	9.0
State	-	-	-	-	-	-	-	-
Local	78,058	-	78,058	85,029	-	85,029	6,971	8.9
Georgia	128,393	2,066	126,327	122,803	2,275	120,528	-5,590	-4.4
Federal	128,393	2,066	126,327	122,803	2,275	120,528	-5,590	-4.4
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-
Illinois	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-
Iowa	123,166	22,069	101,097	119,777	27,382	92,395	-3,389	-2.8
Federal	61,923	22,069	39,854	57,189	27,382	29,807	-4,734	-7.6
State	61,243	-	61,243	62,588	-	62,588	1,345	2.2
Local	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Maryland	10,437	178	10,259	15,522	107	15,415	5,085	48.7
Federal	2,675	178	2,497	2,789	107	2,682	114	4.3
State	5,292	-	5,292	7,696	-	7,696	2,404	45.4
Local	2,470	-	2,470	5,037	-	5,037	2,567	103.9
Massachusetts	5,000	-	5,000	5,000	-	5,000	0	0
Federal	5,000	-	5,000	5,000	-	5,000	0	0
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Michigan	-	-	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-
Missouri	10,179	3,569	6,610	12,723	4,461	8,262	2,544	25.0
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Local	10,179	3,569	6,610	12,723	4,461	8,262	2,544	25.0
Montana	1,656	228	1,428	1,657	292	1,365	1	0.1
Federal	193	-	193	44	-	44	-149	-77.2
State	-	-	-	-	-	-	-	-
Local	1,463	228	1,235	1,613	292	1,321	150	10.3

Table 9.--Changes in adult education enrollments for community and junior colleges at each level of governmental sponsorship, with numbers for full-time and part-time students, by State or other area: United States, 1969-69 and 1969-70..Cont.

State or other area and level of governmental sponsorship of adult education	1968-69 enrollments			1969-70 enrollments			Changes in total enrollments, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
Nebraska	2,450	-	2,450	4,300	-	4,300	1,850	75.5
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Local	2,450	-	2,450	4,300	-	4,300	1,850	75.5
Nevada	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-	-	-
New Mexico	2,060	899	1,161	4,033	1,341	2,692	1,973	95.8
Federal	-	-	-	-	-	-	-	-
State	2,060	899	1,161	4,033	1,341	2,692	1,973	95.8
Local	-	-	-	-	-	-	-	-
New York	41,627	525	41,102	45,632	567	45,065	4,005	9.6
Federal	1,038	525	513	1,121	567	554	83	8.0
State	16,670	-	16,670	18,002	-	18,002	1,332	8.0
Local	23,919	-	23,919	26,509	-	26,509	2,590	10.8
North Carolina	177,428	27,969	149,459	206,501	34,491	172,010	29,073	16.4
Federal	171,680	27,519	144,161	198,852	33,941	164,911	27,172	15.8
State	5,748	450	5,298	7,649	550	7,099	1,901	33.1
Local	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-
Ohio	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-
Oregon	158,281	52,128	126,153	173,130	59,247	133,883	14,849	9.4
Federal	110,590	31,148	79,242	121,480	38,197	83,283	11,090	10.1
State	22,080	80	22,000	25,700	100	25,600	3,620	16.4
Local	25,611	900	24,911	25,950	950	25,000	139	0.5
Pennsylvania	3,053	-	3,053	5,230	26	5,204	2,177	71.3
Federal	85	-	85	273	26	247	188	221.2
State	2,443	-	2,443	3,197	-	3,197	754	30.9
Local	525	-	525	1,760	-	1,760	1,235	235.2
Rhode Island	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
Tennessee	562	-	562	800	-	800	238	42.3
Federal	-	-	-	-	-	-	-	-
State	562	-	562	800	-	800	238	42.3
Local	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	-	-
Washington	315,031	87,842	227,189	271,332	89,135	182,197	-43,699	-13.9
Federal	288,573	87,418	201,155	241,707	88,695	153,012	-46,866	-16.2
State	5,176	-	5,176	6,415	-	6,415	1,239	23.9
Local	21,282	424	20,858	23,210	440	22,770	1,928	9.1
West Virginia	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-
Outlying areas	-	-	-	750	457	293	750	100.0
Federal	-	-	-	332	162	170	332	100.0
State	-	-	-	418	295	123	418	100.0
Local	-	-	-	-	-	-	-	-
American Samoa	-	-	-	750	457	293	750	100.0
Federal	-	-	-	332	162	170	332	100.0
State	-	-	-	418	295	123	418	100.0
Local	-	-	-	-	-	-	-	-
Canal Zone	-	-	-	-	-	-	-	-
Guam	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	-
Trust Terr., Pac. Is.	-	-	-	-	-	-	-	-
Virgin Islands	-	-	-	-	-	-	-	-

1/ Full-time is at least 15 hours of instruction per week. 2/ Part-time is less than 15 hours of instruction per week.

Table 10.--Enrollments in cooperatively offered adult education in the public education system at each level of governmental sponsorship, by State or other area, United States, 1968-69

State or other area	Total	Level of governmental sponsorship		
		Federal	State	Local
1	2	3	4	5
<u>50 States and D.C.</u>	872,805	588,833	250,136	33,836
Alabama	111,093	111,093	-	-
Alaska	1,599	1,473	31	95
Arizona	2,872	2,565	-	307
Arkansas	6,797	6,797	-	-
California	22,540	22,540	-	-
Colorado	18,856	18,856	-	-
Connecticut	1,131	1,131	-	-
Delaware	688	75	-	613
District of Columbia	-	-	-	-
Florida	18,940	16,230	2,710	-
Georgia	755	755	-	-
Hawaii	2,563	-	2,563	-
Idaho	-	-	-	-
Illinois	7,829	7,829	-	-
Indiana	3,075	3,075	-	-
Iowa	100	100	-	-
Kansas	18,447	17,072	1,375	-
Kentucky	-	-	-	-
Louisiana	200	200	-	-
Maine	1,300	1,300	-	-
Maryland	5,564	5,564	-	-
Massachusetts	-	-	-	-
Michigan	-	-	-	-
Minnesota	24,471	24,471	-	-
Mississippi	-	-	-	-
Missouri	3,238	3,238	-	-
Montana	12,020	11,792	-	228
Nebraska	9,958	9,734	224	-
Nevada	12,308	12,308	-	-
New Hampshire	3,188	3,188	-	-
New Jersey	-	-	-	-
New Mexico	2,130	406	1,724	-
New York	23,338	208	1,656	21,474
North Carolina	3,601	3,601	-	-
North Dakota	-	-	-	-
Ohio	420	-	420	-
Oklahoma	1,070	1,070	-	-
Oregon	65,170	65,170	-	-
Pennsylvania	72,398	55	72,258	85
Rhode Island	2,280	281	1,999	-
South Carolina	1,350	1,350	-	-
South Dakota	9,010	9,010	-	-
Tennessee	3,193	3,193	-	-
Texas	45,182	35,680	-	9,502
Utah	6,225	5,675	-	550
Vermont	983	983	-	-
Virginia	10,761	10,761	-	-
Washington	92,376	86,218	5,176	982
West Virginia	3,115	3,115	-	-
Wisconsin	239,548	79,548	160,000	-
Wyoming	1,103	1,103	-	-
<u>Outlying areas</u>	2,065	231	1,834	-
American Samoa	-	-	-	-
Canal Zone	-	-	-	-
Guam	23	23	-	-
Puerto Rico	2,042	208	1,834	-
Trust Terr., Pac. Is.	-	-	-	-
Virgin Islands	-	-	-	-

INSTRUCTIONAL STAFF

Tables 11 through 17--on instructional staff--are patterned after those on enrollment. Many of the same general comments for the enrollment statistics apply here.

The definition for "instructional staff" in the instructions (appendix C) for OE Form 2323 excluded augmentation services "such as counselors and librarians, and administrative personnel such as supervisors, principals, and clerks." The definition for "full-time" is the same as in the previous section: at least 15 hours instruction per week.

Under the definition used, an instructional staff member could teach one class or many. There was no limit to class size. Characteristics for staff vary with the nature of the adult education program. Nevertheless, instructional staff statistics can be revealing about the allocation of resources.

The distribution of instructional staff at different levels of government during 1968-69 for adult education in the public education system is revealed in table 11. Of the total of 229,361 instructional staff, 50.8 percent were for programs under Federal sponsorship; 18.4 percent, under State; and 30.8 percent, under local. When compared with the adult enrollment statistics, the greatest difference occurred at the local level, where students represented only 23.1 percent of the total (see table 4 and its discussion).

The summary statistics, in table 12, showing changes in numbers of instructional staff in 1968-69 and 1969-70 are around a percentage point lower than the comparable figures in table 5 for enrollments: national totals show a 9.2-percent staff increase and 10.8-percent student increase; State averages, 10.3 for staff and 11.1 for students.

The following tabulation shows that at the State level the proportion of part-time instructors was greater than the proportion of part-time students:

Level of governmental sponsorship	Instructional staff, percent part-time	
	1968-69	1969-70
Federal	80.2	78.7
State	92.8	93.8
Local	98.1	97.8

In the current report, only three States explicitly identified volunteer teachers (unpublished data), and these were for special programs. Colorado reported a local cooperative program in which a religious group provided volunteer tutors for Spanish-speaking Americans. South Carolina recorded a State literacy program utilizing part-time volunteer teachers. Oregon, in its total of 5,000 teachers (table 11), included 400 volunteers servicing three Federal programs: New Careers, Job Corps, and Small Business Administration.

Selected Federal Programs

With the summary figures in table 14 for the 50 States and D.C., the proportion of part-time instructional staff in the total fell from 80.2 percent to 78.8 from 1968-69 to 1969-70; an inverse reading shows an increase in the proportion of full-time instructional staff nationwide for the 27 selected Federal programs. This finding suggests that Federal programs and resources may be influencing the increase in ratio of full-time instructors to part-time instructors.

Four OE programs

Examination of table 15 on the four OE federally sponsored programs reinforces the data in table 8 in demonstrating the individualistic characteristics of particular programs. The aggregate total of instructional staff for the four OE programs in 1968-69 represented 41.6 percent of the total found in the survey; the comparable figure for enrollments was 39.0 percent. In the same vein, figures for instructional staff for Adult Vocational Education comprised 27.5 percent of the total, compared with 30.1 percent for enrollments. However, a striking contrast exists when analyses are compared for increases from one year to the next for enrollments and instructional staff for adult vocational education vis-a-vis all other adult education in the survey, as shown in the following tabulation:

<u>Type of adult education</u>	<u>Percent increase, 1968-69 to 1969-70</u>	
	<u>enrollment</u>	<u>instructional staff</u>
Total	10.8	9.2
Adult vocational education	6.8	10.7
All remaining adult education	12.5	8.6

The following tabulation shows part-time adult education instructional staff as a percent of total for four OE programs:

<u>Program</u>	<u>Instructional staff, percent part-time</u>	
	<u>1968-69</u>	<u>1969-70</u>
ABE	88.4	87.5
AVE	84.8	83.4
CDAE	97.4	98.4
MDT	18.5	17.9

Interestingly enough, of the four OE-sponsored programs, Adult Vocational Education again shows a greater increase in the proportion of full-time instructional staff in 1969-70, and consequently, proportionally fewer part-time instructors, than each of the remaining three programs.

Community College Adult Education

Community college figures for enrollments and staff for adult education in 1968-69, in the following tabulation, show that for the three component governmental levels of support or sponsorship the enrollment and staff percentages were close except at the State level:

<u>Level of governmental sponsorship</u>	<u>Community college adult education percent of total</u>	
	<u>enrollment</u>	<u>instructional staff</u>
Total	15.3	16.8
Federal	18.0	19.0
State	7.0	11.3
Local	16.4	16.4

By subtracting the community and junior college data in table 16 from total instructional staff data in table 12, the change in instructional staff for the Nation (other than that in the colleges) is reduced from a 9.2 percent increase to 8.8 percent from 1968-69 and 1969-70; this compares with the 10.9 percent increase shown in table 16 for community and junior college adult education alone. The comparison contrasts with percentage increases for enrollment reflected in tables 5 and 9, where the community and junior college percent increase was less than half of that for the total of which it was a part. Additionally, it should be remembered that noncommunity college statistics may also include some community college figures. If such a portion were accurately known, the real differences between the data for the community and junior colleges and the other educational agencies might be even sharper.

Table 6 first demonstrated progressively higher percentage increases for adult education enrollments in the public education system between 1968-69 and 1969-70 from federally sponsored through State-sponsored to locally sponsored programs: 6.0, 9.7, and 23.3 percent respectively. In table 9 this is accentuated for community and junior college data: respectively 1.7 percent decrease, 12.4 and 20.2 percent increase. In table 13, for instructional staff in the entire public education system, that progression pattern of percentage change is gone: increases of 7.7, 11.5, and 10.1 percent.

In table 16 the relationship is resurrected by the community and junior college data, albeit much more gently: 8.5, 10.1, and 15.8 percent increases. The public community and junior colleges in those two years appeared to be expanding in adult education much more rapidly on a local or community level than on the State or Federal levels.

On all governmental levels, as revealed in the following tabulation, the community and junior colleges appeared to be moving in the direction of more lasting instructional staff; i.e., the proportion of full-time instructors for adult education was increasing.

Level of governmental sponsorship	Community college instructional staff, percent part-time	
	1968-69	1969-70
Total	83.8	83.1
Federal	76.1	74.9
State	98.0	97.6
Local	92.9	92.3

Cooperating Agencies

Instructional staff statistics for those programs associated with cooperating agencies appear in table 17. The 21,328 instructional staff for cooperatively offered adult education represented 9.3 percent of the total 229,361 for the survey in 1968-69. For federally sponsored activities, the percentage was 15.1; for State, 5.0; and for local 2.3. These percentages are similar to those for enrollments in table 10, except for State-sponsored activities, where the comparison percentages were 14.0 for enrollments and 5.0 for staff. This difference was caused largely by a heavily enrolled Wisconsin program, where the ratio of enrollees to instructional staff was abnormally high.

Table 11.--Instructional staff for adult education in the public education system, at each level of governmental sponsorship, by State or other area: United States, 1968-69

State or other area	Total	Federally sponsored			State-sponsored	Locally sponsored
		Total Federal	Selected 1/	Other		
1	2	3	4	5	6	7
50 States and D.C.	229,361	116,504	115,582	922	42,250	70,607
State average	4,497.3	2,284.4	2,266.3	18.1	828.4	1,384.5
Alabama	3,555	3,527	3,527	-	28	-
Alaska	491	347	347	-	47	97
Arizona	1,460	1,417	1,417	-	8	35
Arkansas	587	518	518	-	69	-
California	16,599	5,703	5,703	-	6,741	4,155
Colorado	2,368	2,225	2,225	-	-	143
Connecticut	3,506	1,458	1,457	1	2,048	-
Delaware	860	399	399	-	299	162
District of Columbia	424	212	143	69	212	-
Florida	12,878	5,809	5,706	103	3,631	3,438
Georgia	4,066	4,066	4,022	44	-	-
Hawaii	949	442	439	3	507	-
Idaho	681	681	681	-	-	-
Illinois	11,720	4,037	4,037	-	7,683	-
Indiana	3,650	2,368	2,368	-	1,282	-
Iowa	5,201	3,018	3,018	-	2,014	169
Kansas	1,112	820	820	-	292	-
Kentucky	1,255	1,255	1,255	-	-	-
Louisiana	2,089	1,694	1,694	-	395	-
Maine	1,278	395	395	-	883	-
Maryland	4,682	2,517	2,357	160	1,147	1,016
Massachusetts	3,779	1,124	1,124	-	2,655	-
Michigan	2,850	2,850	2,850	-	-	-
Minnesota	5,924	4,152	3,859	293	-	1,772
Mississippi	1,868	1,868	1,868	-	-	-
Missouri	4,646	1,143	1,143	-	-	3,503
Montana	1,110	473	473	-	-	637
Nebraska	3,939	2,449	2,449	-	66	1,424
Nevada	541	541	541	-	-	-
New Hampshire	906	588	588	-	85	233
New Jersey	20,771	2,098	2,098	-	1,196	17,477
New Mexico	567	295	291	4	220	52
New York	32,629	5,433	5,401	32	1,968	25,228
North Carolina	5,251	5,069	5,069	-	182	-
North Dakota	219	219	219	-	-	-
Ohio	8,012	4,214	4,214	-	14	3,784
Oklahoma	1,696	1,696	1,696	-	-	-
Oregon	5,198	2,901	2,901	-	1,012	1,285
Pennsylvania	7,346	3,625	3,625	-	3,690	31
Rhode Island	880	299	299	-	82	499
South Carolina	1,374	666	632	34	600	108
South Dakota	852	428	428	-	-	424
Tennessee	2,625	1,880	1,880	-	45	700
Texas	8,475	7,372	7,372	-	-	1,103
Utah	2,488	1,446	1,446	-	1,034	8
Vermont	354	354	354	-	-	-
Virginia	6,043	3,031	3,031	-	762	2,250
Washington	6,697	6,158	6,035	123	53	486
West Virginia	3,654	3,268	3,268	-	-	386
Wisconsin	9,082	7,782	7,726	56	1,300	-
Wyoming	174	174	174	-	-	-
Outlying areas	2,838	1,564	1,564	-	1,274	-
American Samoa	-	-	-	-	-	-
Canal Zone	-	-	-	-	-	-
Guam	142	93	93	-	49	-
Puerto Rico	2,630	1,424	1,424	-	1,206	-
Trust Terr., Pac. Is.	13	10	10	-	3	-
Virgin Islands	53	37	37	-	16	-

1/ See table a for identification of the 27 selected federally sponsored programs.

Table 12.--Changes in adult education instructional staff, with numbers for full-time and part-time instructors, and part-time as a percent of total, for each year, by State or other area: United States, 1968-69 and 1969-70

State or other area	1968-69 instructional staff				1969-70 instructional staff				Changes in total instructional staff, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Part-time as percent of total	Total	Full-time 1/	Part-time 2/	Part-time as percent of total	Number	Percent
1	2	3	4	5	6	7	8	9	10	11
50 States and D.C.	229,561	27,425	201,936	3/ 88.0	250,381	31,793	218,588	3/ 87.3	21,020	3/ 9.2
State average	4,497.3	537.8	3,959.5	4/ 85.0	4,909.4	623.4	4,286.0	4/ 85.8	412.2	4/ 10.3
Alabama	3,555	650	2,905	81.7	3,830	675	3,155	82.4	275	7.7
Alaska	491	235	256	52.1	452	314	538	63.2	361	73.5
Arizona	1,460	447	1,013	69.4	1,934	796	1,138	58.8	474	32.5
Arkansas	587	54	533	90.8	633	73	560	88.5	46	7.8
California	16,599	5/ 2,103	5/ 14,496	5/ 87.3	18,223	5/ 2,309	5/ 15,914	5/ 87.3	1,624	9.8
Colorado	2,368	764	1,604	67.7	2,485	826	1,659	66.8	117	4.9
Connecticut	3,506	167	3,339	95.2	3,640	141	3,499	96.1	134	3.8
Delaware	860	130	730	84.9	865	145	720	83.2	5	.6
District of Columbia	424	142	282	66.5	418	152	266	63.6	-6	-1.4
Florida	12,878	2,076	10,802	83.9	13,719	2,188	11,531	84.1	841	6.5
Georgia	4,066	286	3,780	93.0	3,622	247	3,375	93.2	-444	-10.9
Hawaii	949	-	948	99.9	1,072	1	1,071	99.9	123	13.0
Idaho	681	-	681	100.0	760	-	760	100.0	79	11.6
Illinois	11,720	864	10,836	92.5	13,921	948	12,973	93.2	2,201	18.8
Indiana	3,650	1,146	2,504	68.6	3,747	1,522	2,225	59.4	97	2.7
Iowa	5,201	845	4,356	83.8	5,172	969	4,203	81.3	-29	-.6
Kansas	1,112	537	575	51.7	1,016	601	415	40.9	-96	-8.6
Kentucky	1,255	20	1,235	98.4	1,510	25	1,485	98.3	255	20.3
Louisiana	2,089	963	1,126	53.9	2,378	1,145	1,233	51.9	289	13.8
Maine	1,278	57	1,221	95.5	1,432	53	1,379	96.3	154	12.1
Maryland	4,682	251	4,431	94.6	4,995	252	4,743	95.0	313	6.7
Massachusetts	3,779	114	3,665	97.0	4,086	129	3,957	96.8	307	8.1
Michigan	2,850	356	2,494	87.5	3,895	576	3,319	85.2	1,045	36.7
Minnesota	5,924	520	5,404	91.2	5,857	549	5,308	90.6	-67	-1.1
Mississippi	1,868	145	1,723	92.2	1,834	179	1,655	90.2	-34	-1.8
Missouri	4,646	512	4,133	89.0	5,746	664	5,082	88.4	1,100	23.7
Montana	1,110	299	811	73.1	1,088	349	739	67.9	-22	-2.0
Nebraska	3,939	506	3,433	87.2	4,138	539	3,599	87.0	199	5.1
Nevada	541	136	405	74.9	510	105	405	79.4	-31	-5.7
New Hampshire	906	60	846	93.4	700	73	625	89.3	-206	-22.7
New Jersey	20,771	528	20,243	97.5	22,515	910	21,605	96.0	1,744	8.4
New Mexico	367	164	203	55.6	770	188	582	75.6	203	55.8
New York	32,627	3,552	29,077	89.1	36,286	3,797	32,489	89.5	3,657	11.2
North Carolina	5,251	1,280	3,971	75.6	7,362	1,706	5,656	76.8	2,111	40.2
North Dakota	219	10	209	95.4	261	16	245	93.9	42	19.2
Ohio	8,012	1,182	6,830	85.3	8,564	1,299	7,265	84.8	552	6.9
Oklahoma	1,696	207	1,489	87.8	1,892	267	1,625	85.9	196	11.6
Oregon	5,198	511	4,687	90.2	5,703	603	5,100	89.4	505	9.7
Pennsylvania	7,346	486	6,860	93.4	7,743	515	7,228	93.4	397	5.4
Rhode Island	880	29	851	96.7	987	61	926	93.8	107	12.2
South Carolina	1,374	8	1,366	99.4	2,286	275	2,011	88.0	912	66.4
South Dakota	852	187	665	78.1	854	221	633	74.1	2	.2
Tennessee	2,625	259	2,366	90.1	2,760	221	2,539	92.0	135	5.1
Texas	8,475	818	7,657	90.4	8,525	910	7,615	89.3	50	.6
Utah	2,488	114	2,374	95.4	2,969	133	2,836	95.5	481	19.3
Vermont	354	34	320	90.4	353	50	303	85.8	-1	-.3
Virginia	6,043	269	5,774	95.6	6,155	292	5,863	95.3	112	1.9
Washington	6,697	1,675	5,022	75.0	6,636	1,740	4,896	73.8	-61	-.9
West Virginia	3,654	209	3,445	94.3	3,547	255	3,292	92.8	-107	-2.9
Wisconsin	9,082	1,434	7,648	84.2	9,961	1,725	8,236	82.7	879	9.7
Wyoming	174	62	112	64.4	174	62	112	64.4	0	0
Outlying areas	2,838	420	2,418	85.2	3,206	542	2,664	83.1	368	13.0
American Samoa	-	-	-	-	41	26	15	36.6	41	100.0
Canal Zone	-	-	-	-	-	-	-	-	-	-
Guam	142	35	107	75.4	137	37	100	73.0	-5	-3.5
Puerto Rico	2,630	357	2,273	86.4	2,934	453	2,481	84.6	304	11.6
Trust Terr., Pac. Is.	13	13	0	0	42	16	26	61.9	29	223.1
Virgin Islands	53	-15	38	71.7	52	10	42	80.8	-1	-1.9

1/ Full-time is at least 15 hours of instruction per week.

2/ Part-time is less than 15 hours of instruction per week.

3/ Weighted by populous States; to obtain national percent, figure across.

4/ States are equally weighted; to obtain State average, add column up and divide by 51.

5/ Full-time and part-time numbers and percents reflect approximation as described in table 6, footnote 3, for locally sponsored community college adult education.

Table 13.--Changes in adult education instructional staff at each level of governmental sponsorship, with numbers for full-time and part-time instructors, by State or other area: United States, 1968-69 and 1969-70

State or other area and level of governmental sponsorship of adult education	1968-69 instructional staff			1969-70 instructional staff			Changes in total instructional staff, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
50 States and D.C.								
Federal	116,504	23,069	93,435	125,514	26,781	98,733	9,010	7.7
State	42,250	3,030	39,220	47,104	3,511	43,793	4,854	11.5
Local	70,607	1,326	69,281	77,763	1,701	76,062	7,156	10.1
Alabama								
Federal	3,527	646	2,881	3,796	671	3,125	269	7.6
State	28	4	24	34	4	30	6	21.4
Local	-	-	-	-	-	-	-	-
Alaska								
Federal	347	182	165	489	214	275	142	40.9
State	47	43	4	99	62	37	52	110.6
Local	97	10	87	264	38	226	167	172.2
Arizona								
Federal	1,417	444	973	1,902	788	1,114	485	34.2
State	8	3	5	11	8	3	3	37.5
Local	35	-	35	21	-	21	-14	-40.0
Arkansas								
Federal	518	51	467	544	69	475	26	5.0
State	69	3	66	89	4	85	20	29.0
Local	-	-	-	-	-	-	-	-
California								
Federal	5,703	1,253	4,450	5,799	1,319	4,480	96	1.7
State	6,741	322	6,419	7,230	330	6,900	489	7.3
Local	4,155	528	3,627	5,194	660	4,534	1,039	25.0
Colorado								
Federal	2,225	761	1,464	2,524	823	1,501	99	4.5
State	-	-	-	-	-	-	-	-
Local	143	3	140	161	3	158	18	12.6
Connecticut								
Federal	1,458	154	1,304	1,420	126	1,294	-38	-2.6
State	2,048	13	2,035	2,220	15	2,205	172	8.4
Local	-	-	-	-	-	-	-	-
Delaware								
Federal	399	64	335	376	61	315	-23	-5.8
State	299	66	233	346	84	262	47	15.7
Local	162	-	162	143	-	143	-19	-11.7
District of Columbia								
Federal	212	100	112	206	110	96	-6	-2.8
State	212	42	170	212	42	170	0	0
Local	-	-	-	-	-	-	-	-
Florida								
Federal	5,809	1,796	4,013	6,022	1,879	4,143	213	5.7
State	3,631	280	3,351	3,996	309	3,678	365	10.1
Local	3,438	-	3,438	3,701	-	3,701	263	7.7
Georgia								
Federal	4,066	286	3,780	3,622	247	3,375	-444	-10.9
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Hawaii								
Federal	442	1	441	515	1	514	73	16.5
State	507	-	507	557	-	557	50	9.9
Local	-	-	-	-	-	-	-	-
Idaho								
Federal	681	-	681	760	-	760	79	11.6
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Illinois								
Federal	4,057	792	3,265	4,734	850	3,884	697	17.3
State	7,683	92	7,591	9,187	98	9,089	1,504	19.6
Local	-	-	-	-	-	-	-	-

Table 13.--Changes in adult education instructional staff at each level of governmental sponsorship, with numbers for full-time and part-time instructors, by State or other area: United States, 1968-69 and 1969-70--Continued

State or other area and level of governmental sponsorship of adult education	1968-69 instructional staff			1969-70 instructional staff			Changes in total instructional staff, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
Indiana								
Federal	2,368	1,096	1,272	2,837	1,454	1,383	469	19.8
State	1,282	50	1,232	910	68	842	-372	-29.0
Local	-	-	-	-	-	-	-	-
Iowa								
Federal	3,018	837	2,181	2,908	959	1,949	-110	-4.2
State	2,014	-	2,014	2,082	-	2,082	68	3.4
Local	169	8	161	182	10	172	13	7.7
Kansas								
Federal	820	520	300	855	582	273	35	4.3
State	292	17	275	161	19	142	-131	-44.9
Local	-	-	-	-	-	-	-	-
Kentucky								
Federal	1,255	20	1,235	1,510	25	1,485	255	20.3
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Louisiana								
Federal	1,694	568	1,126	1,978	745	1,233	284	16.8
State	395	395	-	400	-	-	5	1.3
Local	-	-	-	-	-	-	-	-
Maine								
Federal	395	97	338	432	53	379	37	9.4
State	883	-	883	1,000	-	1,000	117	13.3
Local	-	-	-	-	-	-	-	-
Maryland								
Federal	2,517	229	2,288	2,478	207	2,271	-39	-1.6
State	1,147	-	1,147	1,318	-	1,318	171	14.9
Local	1,018	22	996	1,199	45	1,154	181	17.8
Massachusetts								
Federal	1,124	96	1,028	1,185	109	1,076	61	5.4
State	2,655	18	2,637	2,901	20	2,881	246	9.3
Local	-	-	-	-	-	-	-	-
Michigan								
Federal	2,850	356	2,494	3,895	576	3,319	1,045	36.7
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Minnesota								
Federal	4,152	440	3,712	4,080	464	3,616	-72	-1.6
State	-	-	-	-	-	-	-	-
Local	1,772	80	1,692	1,777	85	1,692	5	.3
Mississippi								
Federal	1,868	145	1,723	1,834	179	1,655	-34	-1.8
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Missouri								
Federal	1,143	293	850	2,010	385	1,625	867	75.9
State	-	-	-	-	-	-	-	-
Local	3,503	220	3,283	3,736	279	3,457	233	6.7
Montana								
Federal	473	284	189	550	330	220	77	16.3
State	-	-	-	-	-	-	-	-
Local	637	15	622	538	19	519	-99	-15.5
Nebraska								
Federal	2,449	391	2,058	2,480	403	2,077	31	1.3
State	66	9	57	59	11	48	-7	-10.6
Local	1,424	106	1,318	1,599	125	1,474	175	12.3
Nevada								
Federal	541	136	405	510	105	405	-31	-5.7
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-

Table 13.--Changes in adult education instructional staff at each level of governmental sponsorship, with numbers for full-time and part-time instructors, by State or other area: United States, 1968-69 and 1969-70--Continued

State or other area and level of governmental sponsorship of adult education	1968-69 instructional staff			1969-70 instructional staff			Changes in total instructional staff, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
New Hampshire								
Federal	588	60	528	396	75	321	-192	-32.7
State	85	-	85	52	-	52	-33	-38.8
Local	233	-	233	252	-	252	19	8.2
New Jersey								
Federal	2,098	516	1,582	2,332	896	1,436	234	11.2
State	1,196	-	1,196	1,417	-	1,417	221	18.5
Local	17,477	12	17,465	18,766	14	18,752	1,289	7.4
New Mexico								
Federal	295	47	248	420	69	351	125	42.4
State	220	117	103	295	119	176	75	34.1
Local	52	-	52	55	-	55	3	5.8
New York								
Federal	5,433	2,422	3,011	5,718	2,559	3,159	285	5.3
State	1,968	1,130	838	2,139	1,238	901	171	8.7
Local	25,228	-	25,228	28,429	-	28,429	3,201	12.7
North Carolina								
Federal	5,069	1,253	3,816	7,172	1,676	5,496	2,103	41.5
State	182	27	155	190	30	160	8	4.4
Local	-	-	-	-	-	-	-	-
North Dakota								
Federal	219	10	209	249	16	233	30	13.7
State	-	-	-	12	-	12	12	100.0
Local	-	-	-	-	-	-	-	-
Ohio								
Federal	4,214	1,168	3,046	4,547	1,282	3,265	333	7.9
State	14	14	-	17	17	-	3	21.4
Local	3,784	-	3,784	4,000	-	4,000	216	5.7
Oklahoma								
Federal	1,696	207	1,489	1,892	267	1,625	196	11.6
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Oregon								
Federal	2,901	447	2,454	3,283	533	2,750	382	13.2
State	1,012	12	1,000	1,115	15	1,110	103	10.2
Local	1,285	52	1,233	1,305	55	1,250	20	1.6
Pennsylvania								
Federal	3,625	482	3,143	3,761	500	3,261	136	3.8
State	3,690	4	3,686	3,914	15	3,899	244	6.1
Local	31	-	31	68	-	68	37	119.4
Rhode Island								
Federal	299	28	271	374	60	314	75	25.1
State	82	1	81	88	1	87	6	7.3
Local	499	-	499	525	-	525	26	5.2
South Carolina								
Federal	666	8	658	944	275	669	278	41.7
State	600	-	600	1,200	-	1,200	600	100.0
Local	108	-	108	142	-	142	34	31.5
South Dakota								
Federal	428	160	268	410	189	221	-18	-4.2
State	-	-	-	-	-	-	-	-
Local	424	27	397	444	32	412	20	4.7
Tennessee								
Federal	1,880	259	1,621	1,985	221	1,764	105	5.6
State	45	-	45	55	-	55	10	22.2
Local	700	-	700	720	-	720	20	2.9
Texas								
Federal	7,373	670	6,702	7,220	681	6,539	-152	-2.1
State	-	-	-	-	-	-	-	-
Local	1,103	148	955	1,305	229	1,076	202	18.3

Table 13.--Changes in adult education instructional staff at each level of governmental sponsorship, with numbers for full-time and part-time instructors, by State or other area: United States, 1968-69 and 1969-70--Continued

State or other area and level of governmental sponsorship of adult education	1968-69 instructional staff			1969-70 instructional staff			Changes in total instructional staff, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
Utah								
Federal	1,446	46	1,400	1,317	51	1,266	-129	-8.9
State	1,034	68	966	1,642	82	1,560	608	58.8
Local	8	-	8	10	-	10	2	25.0
Vermont								
Federal	354	34	320	353	50	303	-1	-.5
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Virginia								
Federal	3,031	178	2,853	3,061	197	2,864	30	1.0
State	762	-	762	770	-	770	8	1.1
Local	2,250	91	2,159	2,524	95	2,229	74	3.2
Washington								
Federal	6,158	1,671	4,487	6,042	1,728	4,314	-116	-1.9
State	53	-	53	66	-	66	13	24.5
Local	486	4	482	528	12	516	42	8.6
West Virginia								
Federal	3,268	209	3,059	3,172	255	2,917	-96	-2.9
State	-	-	-	-	-	-	-	-
Local	386	-	386	375	-	375	-11	-2.9
Wisconsin								
Federal	7,782	1,134	6,648	8,641	1,405	7,236	859	11.0
State	1,300	300	1,000	1,320	320	1,000	20	1.5
Local	-	-	-	-	-	-	-	-
Wyoming								
Federal	174	62	112	174	62	112	0	0
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Outlying areas								
Federal	1,564	251	1,313	1,956	352	1,604	392	25.1
State	1,274	169	1,105	1,250	190	1,060	-24	-1.9
Local	-	-	-	-	-	-	-	-
American Samoa								
Federal	-	-	-	16	5	11	16	100.0
State	-	-	-	25	21	4	25	100.0
Local	-	-	-	-	-	-	-	-
Canal Zone								
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Guam								
Federal	93	35	58	94	37	57	1	1.1
State	49	-	49	43	-	43	-6	-12.2
Local	-	-	-	-	-	-	-	-
Puerto Rico								
Federal	1,424	191	1,233	1,800	290	1,510	376	26.4
State	1,206	166	1,040	1,134	163	971	-72	-6.0
Local	-	-	-	-	-	-	-	-
Trust Terr., Pac. Is.								
Federal	10	10	-	12	10	2	-	20.2
State	3	3	-	30	6	24	-7	900.0
Local	-	-	-	-	-	-	-	-
Virgin Islands								
Federal	37	15	22	34	10	24	-3	-8.1
State	16	-	16	18	-	18	2	12.5
Local	-	-	-	-	-	-	-	-

1/ Full-time is at least 15 hours of instruction per week.
 2/ Part-time is less than 15 hours of instruction per week.

Table 14.--Changes in instructional staff for the 27 selected^{1/} federally sponsored adult education programs, with numbers for full-time and part-time instructors, by State or other area: United States, 1968-69 to 1969-70

State or other area	1968-69 instructional staff			1969-70 instructional staff			Changes in total instructional staff, 1968-69 to 1969-70	
	Total	Full-time ^{2/}	Part-time ^{3/}	Total	Full-time ^{2/}	Part-time ^{3/}	Number	Percent
1	2	3	4	5	6	7	8	9
50 States and D.C.	115,582	22,928	92,654	124,147	26,332	97,815	8,565	7.4
State average	2,266.5	449.6	1,816.8	2,434.3	516.3	1,917.9	167.9	8.4
Alabama	3,527	646	2,881	3,796	671	3,125	269	7.6
Alaska	347	182	165	403	211	192	56	16.1
Arizona	1,417	444	973	1,902	788	1,114	485	34.2
Arkansas	518	51	467	544	69	475	26	5.0
California	5,703	1,253	4,450	5,799	1,319	4,480	96	1.7
Colorado	2,225	761	1,464	2,324	823	1,501	99	4.5
Connecticut	1,457	154	1,303	1,419	126	1,293	-38	-2.6
Delaware	399	64	335	376	61	315	-23	-5.8
District of Columbia	143	62	81	144	76	68	1	.7
Florida	5,706	1,796	3,910	5,923	1,879	4,044	217	3.8
Georgia	4,022	286	3,736	5,599	245	5,354	-425	-10.5
Hawaii	439	-	439	512	-	512	73	16.6
Idaho	681	-	681	760	-	760	79	11.6
Illinois	4,037	792	3,245	4,734	850	3,884	697	17.3
Indiana	2,368	1,096	1,272	2,837	1,454	1,383	469	19.8
Iowa	3,018	817	2,181	2,891	955	1,936	-127	-4.2
Kansas	820	520	300	855	582	273	35	4.3
Kentucky	1,255	20	1,235	1,510	25	1,485	255	20.3
Louisiana	1,694	568	1,126	1,969	736	1,233	275	16.2
Maine	395	57	338	432	53	379	37	9.4
Maryland	2,357	193	2,164	2,282	167	2,115	-75	-3.2
Massachusetts	1,124	96	1,028	1,185	109	1,076	61	5.4
Michigan	2,850	356	2,494	3,895	576	3,319	1,045	36.7
Minnesota	3,859	440	3,419	3,787	464	3,323	-72	-1.9
Mississippi	1,868	145	1,723	1,854	179	1,675	-34	-1.8
Missouri	1,143	293	850	2,010	385	1,625	867	75.9
Montana	473	284	189	524	304	220	51	10.8
Nebraska	2,449	391	2,058	2,450	403	2,047	1	(4/)
Nevada	541	136	405	510	105	405	-31	-5.7
New Hampshire	588	60	528	396	75	321	-192	-32.7
New Jersey	2,098	516	1,582	2,332	896	1,436	234	11.2
New Mexico	291	43	248	420	69	351	129	44.3
New York	5,401	2,414	2,987	5,682	2,550	3,132	281	5.2
North Carolina	5,069	1,253	3,816	7,172	1,676	5,496	2,103	41.5
North Dakota	219	10	209	249	16	233	30	13.7
Ohio	4,214	1,168	3,046	4,547	1,282	3,265	333	7.9
Oklahoma	1,696	207	1,489	1,892	267	1,625	196	11.6
Oregon	2,901	447	2,454	3,283	533	2,750	382	13.2
Pennsylvania	3,625	482	3,143	3,755	500	3,255	130	3.6
Rhode Island	299	28	271	374	60	314	75	25.1
South Carolina	632	-	632	644	-	644	12	1.9
South Dakota	428	160	268	410	189	221	-18	-4.2
Tennessee	1,880	259	1,621	1,985	221	1,764	105	5.6
Texas	7,372	670	6,702	7,220	681	6,539	-152	-2.1
Utah	1,446	46	1,400	1,317	51	1,266	-129	-8.9
Vermont	354	34	320	353	50	303	-1	-.3
Virginia	3,031	178	2,853	3,061	197	2,864	30	1.0
Washington	6,035	1,631	4,404	5,920	1,688	4,232	-115	-1.9
West Virginia	3,268	209	3,059	3,172	255	2,917	-96	-2.9
Wisconsin	7,726	1,128	6,598	8,583	1,399	7,184	857	11.1
Wyoming	174	62	112	174	62	112	0	0
Outlying areas	1,564	251	1,313	1,956	352	1,604	392	25.1
American Samoa	-	-	-	16	5	11	16	100.0
Canal Zone	-	-	-	-	-	-	-	-
Guam	93	35	58	94	57	37	1	1.1
Puerto Rico	1,424	191	1,233	1,800	290	1,510	376	26.4
Trust Terr., Pac. Is.	10	10	-	12	10	2	2	20.0
Virgin Islands	37	15	22	34	10	24	-3	-8.1

1/ See table a for identification of the 27 selected federally sponsored adult education programs.

2/ Full-time is at least 15 hours of instruction per week.

3/ Part-time is less than 15 hours of instruction per week.

4/ Less than 0.05 percent.

Table 15.--Changes in instructional staff for the four OE-sponsored adult education programs, with numbers for full-time and part-time instructors, by State or other area: United States, 1968-69 and 1969-70

State or other area and four OE-sponsored adult education programs	1968-69 instructional staff			1969-70 instructional staff			Changes in total instructional staff, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
50 States and District of Columbia								
Adult Basic Education (ABE)	21,368	2,478	18,890	21,840	2,733	19,107	472	2.2
Adult Vocational Education (AVE)	62,979	9,545	53,434	69,706	11,574	58,132	6,727	10.7
Civil Defense Adult Education (CDAE)	4,577	120	4,457	4,198	69	4,129	-379	-8.3
Manpower Development and Training (MDT)	6,582	5,366	1,216	7,128	5,853	1,275	546	8.3
Alabama								
ABE	669	15	654	676	18	658	7	1.0
AVE	768	393	375	778	398	380	10	1.3
CDAE	76	-	76	43	-	43	-33	-43.4
MDT	37	-	37	37	-	37	0	0
Alaska								
ABE	21	10	11	46	18	28	25	119.1
AVE	38	30	8	39	35	4	1	2.6
CDAE	58	58	-	35	35	-	-23	-39.7
MDT	46	40	6	61	54	7	15	32.6
Arizona								
ABE	172	7	165	155	7	148	-17	-9.9
AVE	1,107	340	767	1,585	657	928	478	43.2
CDAE	-	-	-	-	-	-	-	-
MDT	81	71	10	105	96	9	24	29.6
Arkansas								
ABE	495	38	457	509	51	458	14	2.8
AVE	-	-	-	-	-	-	-	-
CDAE	-	-	-	-	-	-	-	-
MDT	-	-	-	-	-	-	-	-
California								
ABE	878	32	846	900	40	860	22	2.5
AVE	5,828	247	5,581	5,850	250	5,600	22	.6
CDAE	20	-	20	20	-	20	0	0
MDT	777	774	3	774	774	-	-3	-.4
Colorado								
ABE	205	175	30	240	200	40	35	17.1
AVE	544	135	409	575	150	425	31	5.7
CDAE	95	-	95	89	-	89	-6	-6.3
MDT	23	23	-	26	23	3	3	13.0
Connecticut								
ABE	464	10	454	462	12	450	-2	-.4
AVE	591	44	547	662	39	623	71	12.0
CDAE	42	-	42	10	-	10	-32	-76.2
MDT	300	100	200	225	75	150	-75	-25.0
Delaware								
ABE	72	7	65	74	7	67	2	2.8
AVE	256	12	224	227	10	217	-9	-3.8
CDAE	20	-	20	7	-	7	-13	-6.5
MDT	24	24	-	30	30	-	6	25.0
District of Columbia								
ABE	22	14	8	27	14	13	5	22.7
AVE	46	-	46	38	-	38	-8	-17.4
CDAE	8	-	8	2	-	2	-6	-75.0
MDT	23	23	-	30	30	-	7	30.4
Florida								
ABE	879	88	791	940	100	840	61	6.9
AVE	4,485	1,538	2,947	4,631	1,588	3,043	146	3.3
CDAE	70	-	70	50	-	50	-20	-28.6
MDT	102	102	-	101	100	1	-1	-1.0
Georgia								
ABE	928	30	898	974	42	932	46	5.0
AVE	2,960	122	2,838	2,461	55	2,406	-499	-16.9
CDAE	3	3	-	3	-	3	0	0
MDT	123	123	-	123	123	-	0	0
Hawaii								
ABE	290	-	290	330	-	330	40	13.8
AVE	55	-	55	61	-	61	6	10.9
CDAE	6	-	6	6	-	6	0	0
MDT	6	-	6	7	-	7	1	16.7
Idaho								
ABE	87	-	87	90	-	90	3	3.5
AVE	-	-	-	-	-	-	-	-
CDAE	19	-	19	35	-	35	16	84.2
MDT	-	-	-	-	-	-	-	-
Illinois								
ABE	1,255	280	975	1,286	294	992	31	2.5
AVE	1,070	-	1,070	1,320	-	1,320	250	23.4
CDAE	73	-	73	73	-	73	0	0
MDT	471	461	10	515	508	7	44	9.3

Table 15.--Changes in instructional staff for the four OE-sponsored adult education programs, with numbers for full-time and part-time instructors, by State or other area: United States, 1968-69 and 1969-70.--Continued

State or other area and four OE-sponsored adult education programs	1968-69 instructional staff			1969-70 instructional staff			Changes in total instructional staff, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
Indiana								
ABE	270	10	260	312	12	300	42	15.6
AVE	1,616	808	808	1,980	1,155	825	364	22.5
CDAE	152	-	152	197	-	197	45	29.6
MDT	110	110	-	95	95	-	-15	-13.6
Iowa								
ABE	758	-	758	508	-	508	-250	-33.0
AVE	1,588	623	965	1,894	678	1,216	306	19.3
CDAE	84	-	84	40	-	40	-44	-52.4
MDT	44	34	10	62	43	19	18	40.9
Kansas								
ABE	138	-	138	142	-	142	4	2.9
AVE	439	439	-	502	502	-	63	14.4
CDAE	13	13	-	9	9	-	-4	-30.8
MDT	56	56	-	56	56	-	0	0
Kentucky								
ABE	557	-	557	526	-	526	-31	-5.6
AVE	364	-	364	584	-	584	220	60.4
CDAE	-	-	-	-	-	-	-	-
MDT	208	-	208	250	-	250	42	20.2
Louisiana								
ABE	690	-	690	715	15	700	25	3.6
AVE	869	469	400	1,098	593	505	229	26.4
CDAE	10	-	10	2	-	2	-8	-80.0
MDT	92	84	8	97	89	8	5	5.4
Maine								
ABE	131	-	131	152	2	150	21	16.0
AVE	189	-	189	214	-	214	25	13.2
CDAE	19	2	17	16	1	15	-3	-15.8
MDT	56	55	1	50	50	-	-6	-10.7
Maryland								
ABE	399	39	360	409	43	366	10	2.5
AVE	1,710	9	1,701	1,684	5	1,679	-26	-1.5
CDAE	-	-	-	1	-	1	-	-
MDT	176	109	67	86	69	17	-90	-5.1
Massachusetts								
ABE	217	6	211	225	8	217	8	3.7
AVE	425	-	425	450	-	450	25	5.9
CDAE	140	-	140	131	-	131	-9	-6.4
MDT	330	80	250	365	90	275	35	10.6
Michigan								
ABE	536	-	536	647	-	647	111	20.7
AVE	1,929	71	1,858	2,777	226	2,551	848	44.0
CDAE	-	-	-	(3/)	-	-	-	-
MDT	502	202	100	379	258	121	77	25.5
Minnesota								
ABE	123	13	110	106	14	92	-17	-13.8
AVE	2,218	-	2,218	2,290	-	2,290	72	3.3
CDAE	408	-	408	360	-	360	-48	-11.8
MDT	117	87	30	106	63	43	-11	-9.4
Mississippi								
ABE	299	-	299	307	7	300	8	2.7
AVE	846	19	927	980	50	930	34	3.6
CDAE	497	-	497	425	-	425	-72	-14.5
MDT	126	126	-	122	122	-	-4	-3.2
Missouri								
ABE	262	-	262	352	-	352	90	34.4
AVE	732	185	547	1,269	254	1,015	537	73.4
CDAE	9	-	9	2	-	2	-7	-77.8
MDT	122	92	30	139	108	31	17	13.9
Montana								
ABE	35	9	26	41	10	31	6	17.1
AVE	69	-	69	79	-	79	10	14.5
CDAE	89	-	89	105	-	105	16	18.0
MDT	38	38	-	45	45	-	7	18.4
Nebraska								
ABE	48	-	48	60	-	60	12	25.0
AVE	971	101	870	975	100	875	4	.4
CDAE	57	-	57	60	-	60	3	5.3
MDT	45	36	9	48	44	4	2	6.7
Nevada								
ABE	63	-	63	60	-	60	-3	-4.8
AVE	390	70	320	400	80	320	10	2.6
CDAE	20	-	20	22	-	22	2	10.0
MDT	66	66	-	23	23	-	-43	-65.2

Table 15.--Changes in instructional staff for the four OE-sponsored adult education programs, with numbers for full-time and part-time instructors, by State or other area: United States, 1968-69 and 1969-70--Continued

State or other area and four OE-sponsored adult education programs	1968-69 instructional staff			1969-70 instructional staff			Changes in total instructional staff, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
New Hampshire								
ABE	74	-	74	72	2	70	-2	-2.7
AVE	50	-	50	55	-	55	5	10.0
CDAE	75	-	75	75	-	75	0	0
MDT	50	-	50	51	-	51	1	2.0
New Jersey								
ABE	485	70	415	552	49	503	67	13.8
AVE	1,079	59	1,020	932	90	842	-147	-13.6
CDAE	147	-	147	84	-	84	-63	-42.9
MDT	387	387	-	764	757	7	377	97.4
New Mexico								
ABE	142	-	142	230	-	230	88	62.0
AVE	109	13	96	124	15	109	15	13.8
CDAE	-	-	-	-	-	-	-	-
MDT	-	-	-	7	5	2	7	100.0
New York								
ABE	1,542	1,542	-	1,391	1,391	-	49	3.2
AVE	2,936	13	2,923	3,082	14	3,068	146	5.0
CDAE	41	-	41	58	-	58	17	41.5
MDT	372	359	13	334	340	14	-38	-10.2
North Carolina								
ABE	684	99	585	1,018	112	906	334	48.8
AVE	4,008	1,046	2,962	5,840	1,472	4,368	1,832	45.7
CDAE	99	-	99	55	-	55	-44	-44.4
MDT	153	108	45	132	92	40	-21	-13.7
North Dakota								
ABE	67	-	67	94	-	94	27	40.3
AVE	77	1	76	70	7	63	-7	-9.1
CDAE	61	-	61	74	-	74	13	21.3
MDT	14	9	5	11	9	2	-3	-21.4
Ohio								
ABE	632	-	632	710	10	700	78	12.3
AVE	2,813	459	2,354	2,975	475	2,500	162	5.8
CDAE	-	-	-	-	-	-	-	-
MDT	310	250	60	545	280	65	35	11.3
Oklahoma								
ABE	600	100	500	645	120	525	45	7.5
AVE	989	-	989	1,100	-	1,100	111	11.2
CDAE	6	6	-	4	4	-	-2	-33.3
MDT	66	66	-	108	108	-	42	63.6
Oregon								
ABE	92	11	81	102	12	90	10	10.9
AVE	1,473	540	1,133	1,408	417	1,191	335	22.7
CDAE	126	-	126	95	-	95	-31	-24.6
MDT	65	45	20	70	50	20	5	7.7
Pennsylvania								
ABE	819	-	819	809	-	809	-10	-1.2
AVE	2,658	362	2,296	2,791	380	2,411	133	5.0
CDAE	-	-	-	-	-	-	-	-
MDT	131	120	11	150	120	10	-1	-0.8
Rhode Island								
ABE	76	-	76	85	-	85	9	11.8
AVE	167	18	149	185	23	162	18	10.8
CDAE	53	-	53	30	-	30	-23	-43.4
MDT	18	7	11	70	53	57	39	216.7
South Carolina								
ABE	600	-	600	611	-	611	11	1.8
AVE	-	-	-	-	-	-	-	-
CDAE	8	-	8	8	-	8	0	0
MDT	20	-	20	21	-	21	1	5.0
South Dakota								
ABE	81	12	69	84	14	70	3	3.7
AVE	215	47	168	169	65	104	-146	-68.0
CDAE	53	2	51	28	1	27	-25	-47.2
MDT	12	12	-	11	6	5	-1	-8.3
Tennessee								
ABE	894	-	894	900	-	900	6	.7
AVE	716	14	702	865	21	844	149	20.8
CDAE	25	-	25	20	-	20	-5	-20.0
MDT	245	245	-	200	200	-	-45	-18.4
Texas								
ABE	2,213	-	2,213	1,770	-	1,770	-443	-20.0
AVE	3,481	81	3,400	3,461	81	3,400	0	0
CDAE	1,035	35	1,000	1,215	15	1,200	180	17.4
MDT	421	411	10	464	442	22	43	10.2

Table 15.--Changes in instructional staff for the four OE-sponsored adult education programs, with numbers for full-time and part-time instructors, by State or other area: United States, 1968-69 and 1969-70.--Continued

State or other area and four OE-sponsored adult education programs	1968-69 instructional staff			1969-70 instructional staff			Changes in total instructional staff, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
Utah								
ABE	114	-	114	117	-	117	3	2.6
AVE	743	-	743	760	-	760	17	2.3
CDAE	301	-	301	157	-	157	-144	-47.8
MDT	-	-	-	-	-	-	-	-
Vermont								
ABE	118	-	118	125	-	125	7	5.9
AVE	181	2	179	163	2	161	-18	-9.9
CDAE	16	1	15	7	1	6	-9	-56.3
MDT	31	29	2	48	45	3	17	54.8
Virginia								
ABE	569	3	566	570	10	560	1	.2
AVE	2,250	91	2,159	2,324	95	2,229	74	3.3
CDAE	124	-	124	70	-	70	-54	-43.6
MDT	88	84	4	97	92	5	9	10.2
Washington								
ABE	177	10	167	147	12	135	-30	-17.0
AVE	3,835	954	2,831	3,866	1,005	2,861	31	.8
CDAE	62	-	62	75	-	75	13	21.0
MDT	120	120	-	120	120	-	0	0
West Virginia								
ABE	290	12	278	282	60	222	-8	-2.8
AVE	850	-	850	878	-	878	28	3.3
CDAE	104	-	104	108	-	108	4	3.9
MDT	61	61	-	58	58	-	-3	-4.9
Wisconsin								
ABE	293	36	257	215	27	188	-78	-26.6
AVE	4,152	390	3,762	4,821	587	4,234	669	16.1
CDAE	258	-	258	274	-	274	16	6.2
MDT	75	75	-	68	68	-	-7	-9.3
Wyoming								
ABE	43	-	43	40	-	40	-3	-7.0
AVE	34	-	34	34	-	34	0	0
CDAE	35	-	35	38	-	38	3	8.6
MDT	62	62	-	62	62	-	0	0
Outlying areas								
ABE	718	-	718	967	3	964	244	34.7
AVE	531	106	425	647	198	449	116	21.9
CDAE	42	2	40	12	2	10	-30	-71.4
MDT	211	101	110	214	107	107	3	1.4
American Samoa								
ABE	-	-	-	2	1	1	2	100.0
AVE	-	-	-	-	-	8	8	100.0
CDAE	-	-	-	-	-	-	-	-
MDT	-	-	-	4	3	1	4	100.0
Canal Zone								
Guam								
ABE	48	-	48	49	-	49	1	2.1
AVE	26	26	-	27	27	-	1	3.9
CDAE	-	-	-	-	-	-	-	-
MDT	12	2	10	8	-	8	-4	-33.3
Puerto Rico								
ABE	660	-	660	902	0	902	242	36.7
AVE	505	80	425	609	170	439	104	20.6
CDAE	42	2	40	12	2	10	-30	-71.4
MDT	183	89	94	189	97	92	6	3.3
Trust Terr., Pac. Is.								
ABE	-	-	-	2	2	-	2	100.0
AVE	-	-	-	3	1	2	3	100.0
CDAE	-	-	-	-	-	-	-	-
MDT	10	10	-	7	7	-	-3	-30.0
Virgin Islands								
ABE	10	-	10	12	-	12	2	20.0
AVE	-	-	-	-	-	-	-	-
CDAE	-	-	-	-	-	-	-	-
MDT	6	-	6	6	-	6	0	0

1/ Full-time is at least 15 hours of instruction per week.

2/ Part-time is less than 15 hours of instruction per week.

3/ Public school staff for this program already reported elsewhere.

Table 16.--Changes in adult education instructional staff for community and junior colleges at each level of governmental sponsorship, with numbers for full-time and part-time instructors, by State or other area: United States, 1968-69 and 1969-70

State or other area and level of governmental sponsorship of adult education	1968-69 instructional staff			1969-70 instructional staff			Changes in total instructional staff, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
50 States and D.C.	58,463	6,215	32,248	42,654	7,195	35,459	4,191	10.9
Federal	22,156	5,301	16,855	24,046	6,037	18,009	1,890	8.5
State	4,753	95	4,658	5,233	125	5,108	480	10.1
Local	11,554	819	10,735	13,375	1,033	12,342	1,821	15.8
Alabama	28	4	24	34	4	30	6	21.4
Federal	-	-	-	-	-	-	-	-
State	28	4	24	34	4	30	6	21.4
Local	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Arizona	135	36	99	138	48	90	3	2.2
Federal	95	36	59	109	43	66	14	14.7
State	5	-	5	8	5	3	3	60.0
Local	35	-	35	21	-	21	-14	-40.0
Arkansas	-	-	-	-	-	-	-	-
California	4,155	528	3,627	5,194	660	4,534	1,039	25.0
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Local	4,155	528	3,627	5,194	660	4,534	1,039	25.0
Colorado	-	-	-	-	-	-	-	-
Connecticut	140	-	140	155	-	155	15	10.7
Federal	-	-	-	-	-	-	-	-
State	140	-	140	155	-	155	15	10.7
Local	-	-	-	-	-	-	-	-
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	4,884	764	4,120	5,180	847	4,333	296	6.1
Federal	1,446	764	682	1,479	847	632	33	2.3
State	-	-	-	-	-	-	-	-
Local	3,438	-	3,438	3,701	-	3,701	263	7.7
Georgia	3,083	245	2,838	2,604	198	2,406	-479	-15.5
Federal	3,083	245	2,838	2,604	198	2,406	-479	-15.5
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-
Illinois	-	-	-	-	-	-	-	-
Iowa	5,049	841	4,208	4,990	959	4,031	-59	-1.2
Federal	3,035	841	2,194	2,908	959	1,949	-127	-4.2
State	2,014	-	2,014	2,082	-	2,082	68	3.4
Local	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Maryland	401	5	396	544	10	534	143	35.7
Federal	93	5	88	145	10	135	52	55.9
State	220	-	220	286	-	286	66	30.0
Local	88	-	88	113	-	113	25	28.4
Massachusetts	125	-	125	125	-	125	0	0
Federal	125	-	125	125	-	125	0	0
State	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-
Michigan	-	-	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-
Missouri	630	220	410	796	279	517	166	26.4
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Local	630	220	410	796	279	517	166	26.4
Montana	101	15	86	110	19	91	9	8.9
Federal	4	-	4	3	-	3	-1	-25.0
State	-	-	-	-	-	-	-	-
Local	97	15	82	107	19	88	10	10.3

31 AUG 1970 1246

Table 16.--Changes in adult education instructional staff for community and junior colleges at each level of governmental sponsorship, with numbers for full-time and part-time instructors, by State or other area: United States, 1968-69 and 1969-70..Continued

State or other area and level of governmental sponsorship of adult education	1968-69 instructional staff			1969-70 instructional staff			Changes in total instructional staff, 1968-69 to 1969-70	
	Total	Full-time 1/	Part-time 2/	Total	Full-time 1/	Part-time 2/	Number	Percent
1	2	3	4	5	6	7	8	9
Nebraska	122	-	122	219	8	211	97	79.5
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Local	122	-	122	219	8	211	97	79.5
Nevada	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-	-	-
New Mexico	98	48	50	179	56	123	81	82.7
Federal	-	-	-	-	-	-	-	-
State	98	48	50	179	56	123	81	82.7
Local	-	-	-	-	-	-	-	-
New York	2,164	39	2,125	2,371	43	2,328	207	9.6
Federal	130	39	91	145	43	102	15	11.5
State	838	-	838	901	-	901	63	7.5
Local	1,196	-	1,196	1,325	-	1,325	129	10.8
North Carolina	5,251	1,280	3,971	7,362	1,706	5,656	2,111	40.2
Federal	5,069	1,253	3,816	7,172	1,676	5,496	2,103	41.5
State	182	27	155	190	30	160	8	4.4
Local	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-
Ohio	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-
Oregon	5,198	511	4,687	5,703	603	5,100	505	9.7
Federal	2,901	447	2,454	3,283	533	2,750	382	13.2
State	1,012	12	1,000	1,115	15	1,100	103	10.2
Local	1,285	52	1,233	1,305	55	1,250	20	1.6
Pennsylvania	157	4	153	260	15	245	103	65.6
Federal	17	-	17	31	-	31	14	82.4
State	118	4	114	163	15	148	45	38.1
Local	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
Tennessee	45	-	45	55	-	55	10	22.2
Federal	-	-	-	-	-	-	-	-
State	45	-	45	55	-	55	10	22.2
Local	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	-	-
Washington	6,697	1,675	5,022	6,635	1,740	4,895	-62	-.9
Federal	6,158	1,671	4,487	6,042	1,728	4,314	-116	-1.9
State	53	-	53	65	-	65	12	22.6
Local	486	4	482	528	12	516	42	8.6
West Virginia	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-
Outlying areas	-	-	-	-	-	-	-	-
Federal	-	-	-	41	26	15	41	100.0
State	-	-	-	16	5	11	16	100.0
Local	-	-	-	25	21	4	25	100.0
American Samoa	-	-	-	-	-	-	-	-
Federal	-	-	-	41	26	15	41	100.0
State	-	-	-	16	5	11	16	100.0
Local	-	-	-	25	21	4	25	100.0
Canal Zone	-	-	-	-	-	-	-	-
Guam	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	-
Trust Terr., Pac. Is.	-	-	-	-	-	-	-	-
Virgin Islands	-	-	-	-	-	-	-	-

1/ Full-time is at least 15 hours of instruction per week.

2/ Part-time is less than 15 hours of instruction per week.

Table 17.--Instructional staff in cooperatively offered adult education in the public education system at each level of governmental sponsorship, by State or other area: United States, 1968-69

State or other area	Total	Level of governmental sponsorship		
		Federal	State	Local
1	2	3	4	5
<u>50 States and D.C.</u>	21,328	17,613	2,127	1,588
Alabama	2,014	2,014	-	-
Alaska	126	108	5	13
Arizona	113	106	-	7
Arkansas	495	495	-	-
California	977	977	-	-
Colorado	1,069	1,069	-	-
Connecticut	60	60	-	-
Delaware	47	3	-	44
District of Columbia	-	-	-	-
Florida	214	94	120	-
Georgia	42	42	-	-
Hawaii	62	-	62	-
Idaho	-	-	-	-
Illinois	522	522	-	-
Indiana	110	110	-	-
Iowa	8	8	-	-
Kansas	243	230	13	-
Kentucky	-	-	-	-
Louisiana	8	8	-	-
Maine	19	19	-	-
Maryland	188	188	-	-
Massachusetts	-	-	-	-
Michigan	-	-	-	-
Minnesota	993	993	-	-
Mississippi	-	-	-	-
Missouri	133	133	-	-
Montana	419	404	-	15
Nebraska	1,039	1,016	23	-
Nevada	539	539	-	-
New Hampshire	57	57	-	-
New Jersey	-	-	-	-
New Mexico	113	36	77	-
New York	1,199	42	83	1,074
North Carolina	99	99	-	-
North Dakota	-	-	-	-
Ohio	14	-	14	-
Oklahoma	33	33	-	-
Oregon	747	747	-	-
Pennsylvania	345	15	325	5
Rhode Island	57	5	52	-
South Carolina	58	58	-	-
South Dakota	180	180	-	-
Tennessee	245	245	-	-
Texas	1,967	1,549	-	418
Utah	296	288	-	8
Vermont	47	47	-	-
Virginia	569	569	-	-
Washington	1,576	1,519	53	4
West Virginia	252	252	-	-
Wisconsin	3,929	2,629	1,300	-
Wyoming	105	105	-	-
<u>Outlying areas</u>	70	19	51	-
American Samoa	-	-	-	-
Canal Zone	-	-	-	-
Guam	7	7	-	-
Puerto Rico	63	12	51	-
Trust Terr., Pac. Is.	-	-	-	-
Virgin Islands	-	-	-	-

PURPOSES OF ADULT EDUCATION

After identifying the adult education programs and providing the enrollment and instructional staff statistics for 1968-69 and 1969-70 on OE Form 2323, the coordinator for the State report was asked to describe the purpose of each program or line entry for which data were provided.

Five choices offered on OE Form 2323 were: basic education, high school or GED (General Education Development), occupational training, general and college subjects, and other. The complete definitions for each descriptive category are shown in the instructions to OE Form 2323 (appendix C). Briefly, they are: (1) basic education, courses normally taught in grades 1 through 8 on reading, writing, arithmetic, and social skills, as well as Americanization programs for immigrants; (2) high school or General Education Development (GED), courses normally taught in grades 9 through 12 to prepare for a high school diploma or equivalent; (3) occupational training, skill instruction to prepare for or advance in a job; (4) general and college subjects, academic courses for general or cultural information excluding degree credit courses; and (5) other lessons.

For each line of data supplied, the coordinator was to star the category representing the primary purpose, check any of the remaining four categories that also applied, and specify programs entered as "other."

Among the "other" programs specified by the respondents were: first aid, water safety, citizenship, personal enrichment, community awareness, drug abuse, parent education, arts and crafts for senior citizens, staff training for local government, alien education, medical training for laymen, homemaking, and tutoring.

Table 18 contains the number of ratings of primary and secondary purposes for each of the five descriptive categories collocated with the total number of line entries occurring for the three levels of government for each State and outlying area.

Ratings

The ratings are judgments made by State personnel regarding the primary or secondary purposes of the programs or line entries for which they supplied data.

A number of programs were not evaluated for their descriptive purposes either by the placement of a star for primary purpose or a check for secondary. The reasons for the omissions could have been uncertainty on the part of the respondent, inappropriateness of any one category, or insufficient knowledge on which to base judgment. The programs which were rated, therefore, may reflect more valid judgments than if all programs had been evaluated without a sound basis for rating.

Ratings were made on grouped or aggregate program data. Consequently, the number of primary stars theoretically possible on a report form equaled the number of line entries with data. Ratings reflect the perceived purposes of programs without concern for the sizes of the relevant enrollments. There were variations from State to State in the number of people who made the judgments, in the number and nature of the programs, and in the completeness with which line entries were rated. Nevertheless, data appeared sufficient to give a useful index of the relative purposes of a State's programs and to yield a stable picture for the Nation.

Table 18 explicitly shows the number of line entries for each State at each level of governmental sponsorship. Therefore, at the national summary level, the total number of primary ratings cannot exceed the total number of line entries, or options, for all States at the respective government levels, and the percentages for primary ratings cannot add to more than 100 at each government level. Since as many as four secondary ratings could be given to a line entry, the summed percentages here could conceivably be much in excess of 100 percent.

To complement the information given for U.S. summaries at the top of table 18, data on primary and secondary ratings for the outlying areas are shown in the following tabulation:

		Outlying areas, percent of programs with rating:									
Level of governmental sponsorship	Total number of options	Basic education		High school or GED		Occupational training		General and college subjects		Other	
		Prim.	Sec.	Prim.	Sec.	Prim.	Sec.	Prim.	Sec.	Prim.	Sec.
Total	35	25.7	25.7	2.9	22.9	40.0	17.1	2.9	2.9	2.9	8.6
Federal	23	21.7	17.4	-	8.7	47.8	17.4	-	-	4.4	-
State	12	33.3	41.7	8.3	50.0	25.0	16.7	8.3	8.3	-	25.0
Local	-	-	-	-	-	-	-	-	-	-	-

According to table 18, occupational training was judged to be the paramount purpose of adult education in the public education system; federally sponsored programs clearly reflect this overall rating. But at the local level, general and college subjects were most often rated as the primary educational purpose.

Consistent with these data, and adding weight to the apparently high relationship between these ratings and enrollment statistics, is the fact that 30.1 percent of all enrollments in 1968-69 were under the federally sponsored Adult Vocational Education programs (tables 5 and 8).

Table 18.--Description of adult education programs in number of ratings for primary and secondary purposes, at each level of governmental sponsorship for each State or other area and for the Nation, and percents that primary and secondary ratings are of the options available for ratings for the Nation: United States, 1968-69 and 1969-70

State or other area and level of governmental sponsorship of adult education	Options 1/	Ratings describing programs 2/									
		Basic education		High school or GED		Occupational training		General and college subjects		Other	
		Primary	Secondary	Primary	Secondary	Primary	Secondary	Primary	Secondary	Primary	Secondary
1	2	3	4	5	6	7	8	9	10	11	12
50 States and D.C., No.	886	124	172	86	212	290	185	143	110	48	34
Percent 3/	-	14.0	19.4	9.7	23.9	32.7	20.9	16.1	12.4	5.4	3.8
Federal, number	453	98	126	23	140	169	84	30	68	24	12
Percent 3/	-	21.6	27.8	5.1	30.9	37.3	10.5	6.6	15.0	5.3	2.6
State, number	191	13	28	31	28	54	54	31	16	4	10
Percent 3/	-	6.8	14.7	16.2	14.7	28.3	28.3	16.2	8.4	2.1	5.2
Local, number	242	13	18	32	44	67	47	82	26	20	12
Percent 3/	-	5.4	7.4	13.2	10.2	27.7	19.4	53.9	10.7	8.3	5.0
Alabama	11	1	5	-	7	3	4	1	1	-	-
Federal	10	1	5	-	7	3	4	-	1	-	-
State	1	-	-	-	-	-	-	1	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Alaska	53	7	6	2	16	22	18	5	2	2	16
Federal	16	5	4	1	6	9	2	1	2	1	2
State	17	-	-	-	-	1	13	1	-	-	5
Local	20	2	2	1	10	12	3	1	-	1	9
Arizona	23	4	4	1	5	16	2	6	1	-	-
Federal	9	3	2	-	5	7	2	1	1	-	-
State	6	-	1	1	-	5	-	-	-	-	-
Local	8	1	1	-	-	2	-	5	-	-	-
Arkansas	6	2	3	1	4	-	1	-	-	-	-
Federal	5	2	3	-	4	-	1	-	-	-	-
State	1	-	-	1	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
California	37	2	19	1	18	4	22	12	4	-	-
Federal	5	1	3	-	2	2	1	1	-	-	-
State	16	-	10	-	16	-	16	-	-	-	-
Local	16	1	-	1	-	2	5	11	4	-	-
Colorado	22	3	5	1	6	13	2	3	5	-	-
Federal	21	2	5	1	5	13	1	3	5	-	-
State	-	-	-	-	-	-	-	-	-	-	-
Local	1	1	-	-	1	-	1	-	-	-	-
Connecticut	9	1	1	-	1	4	2	2	1	-	-
Federal	6	1	-	-	-	4	-	1	-	-	-
State	3	-	1	-	1	-	2	1	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Delaware	25	2	1	1	2	5	2	1	2	-	1
Federal	9	2	1	-	1	4	-	1	1	-	1
State	4	-	-	1	1	1	1	-	1	-	-
Local	12	-	-	-	-	-	-	-	-	-	-
District of Columbia	9	4	-	1	2	1	4	-	1	-	-
Federal	7	3	-	-	2	1	2	-	-	-	-
State	2	1	-	1	-	-	2	-	1	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Florida	22	3	6	2	6	10	5	3	6	3	1
Federal	17	3	4	-	6	9	4	3	5	1	1
State	2	-	2	2	-	-	1	-	-	-	-
Local	3	-	-	-	-	1	-	-	1	2	-
Georgia	8	2	6	-	3	2	6	-	-	-	-
Federal	8	2	6	-	3	2	6	-	-	-	-
State	-	-	-	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Hawaii	18	6	2	6	2	-	-	1	-	3	-
Federal	14	5	2	5	2	-	-	-	-	2	-
State	4	1	-	1	-	-	-	1	-	1	-
Local	-	-	-	-	-	-	-	-	-	-	-
Idaho	3	1	-	-	-	1	-	1	-	-	-
Federal	3	1	-	-	-	1	-	1	-	-	-
State	-	-	-	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Illinois	11	2	1	2	1	1	2	2	-	2	-
Federal	6	2	1	-	1	1	2	-	-	1	-
State	4	-	-	2	-	-	-	1	-	1	-
Local	1	-	-	-	-	-	-	1	-	-	-

Table 18.--Description of adult education programs in number of ratings for primary and secondary purposes, at each level of governmental sponsorship for each State or other area and for the Nation, and percent that primary and secondary ratings are of the options available for ratings for the Nation: United States, 1968-69 and 1969-70--Continued

State or other area at level of governmental sponsorship of adult education	Options 1/	Ratings describing programs 2/									
		Basic education		High school or GED		Occupational training		General and college subjects		Other	
		Primary	Secondary	Primary	Secondary	Primary	Secondary	Primary	Secondary	Primary	Secondary
1	2	3	4	5	6	7	8	9	10	11	12
Indiana	10	3	1	1	2	2	2	1	2	-	-
Federal	8	3	1	-	2	2	2	1	2	-	-
State	2	-	-	1	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Iowa	32	1	7	1	7	6	3	17	6	5	2
Federal	10	1	6	-	6	5	2	-	5	2	2
State	18	-	-	1	-	1	-	16	-	-	-
Local	4	-	1	-	1	-	1	1	1	3	-
Kansas	26	2	2	-	2	10	1	-	-	1	-
Federal	7	2	2	-	2	2	1	-	-	-	-
State	19	-	-	-	-	8	-	-	-	1	-
Local	-	-	-	-	-	-	-	-	-	-	-
Kentucky	5	1	2	-	3	1	1	-	-	-	-
Federal	5	1	2	-	3	1	1	-	-	-	-
State	-	-	-	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Louisiana	10	1	3	1	2	2	1	-	-	2	1
Federal	9	1	3	-	2	2	1	-	-	2	1
State	1	-	-	1	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Maine	5	1	1	-	2	-	1	-	2	-	-
Federal	4	1	1	-	1	-	1	-	1	-	-
State	1	-	-	-	1	-	-	-	1	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Maryland	42	1	5	4	21	18	8	5	16	-	-
Federal	22	1	2	1	10	13	1	-	2	-	-
State	10	-	2	2	6	4	4	2	8	-	-
Local	10	-	1	1	5	1	3	3	6	-	-
Massachusetts	15	3	3	1	3	9	1	1	-	1	3
Federal	5	2	1	-	2	2	-	-	-	1	-
State	10	1	2	1	1	7	1	1	-	-	3
Local	-	-	-	-	-	-	-	-	-	-	-
Michigan	5	1	2	-	2	3	-	-	1	-	-
Federal	5	1	2	-	2	3	-	-	1	-	-
State	-	-	-	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Minnesota	10	1	5	1	5	5	2	2	1	-	1
Federal	9	1	4	1	4	5	1	1	1	-	-
State	-	-	-	-	-	-	-	-	-	-	-
Local	1	-	1	-	1	-	1	1	-	-	1
Mississippi	4	1	2	-	-	2	-	-	-	1	-
Federal	4	1	2	-	-	2	-	-	-	1	-
State	-	-	-	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Missouri	27	2	2	10	5	8	4	2	6	-	-
Federal	9	1	2	-	4	3	2	1	1	-	-
State	-	-	-	-	-	-	-	-	-	-	-
Local	18	1	-	10	1	5	2	1	5	-	-
Montana	17	1	4	-	3	7	1	3	2	5	-
Federal	10	1	4	-	3	6	1	1	2	1	-
State	-	-	-	-	-	-	-	-	-	-	-
Local	7	-	-	-	-	1	-	2	-	4	-
Nebraska	30	4	7	4	9	10	9	3	7	2	-
Federal	17	2	7	3	6	6	4	3	5	1	-
State	5	1	-	-	-	1	4	-	-	-	-
Local	8	1	-	1	3	3	1	-	2	1	-
Nevada	7	3	1	-	2	2	-	1	-	-	-
Federal	7	3	1	-	2	2	-	1	-	-	-
State	-	-	-	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-

Table 18.--Description of adult education programs in number of ratings for primary and secondary purposes, at each level of governmental sponsorship for each State or other area and for the Nation, and percents that primary and secondary ratings are of the options available for ratings for the Nation: United States, 1968-69 and 1969-70--Continued

State or other area and level of governmental sponsorship of adult education	Options 1/	Ratings describing programs 2/									
		Basic education		High school or GED		Occupational training		General and college subjects		Other	
		Primary	Secondary	Primary	Secondary	Primary	Secondary	Primary	Secondary	Primary	Secondary
1	2	3	4	5	6	7	8	9	10	11	12
New Hampshire	48	1	2	-	8	22	19	24	-	1	-
Federal	9	1	2	-	-	6	-	1	-	1	-
State	16	-	-	-	-	16	-	-	-	-	-
Local	23	-	-	-	8	-	19	23	-	-	-
New Jersey	6	1	1	1	1	-	2	1	-	-	1
Federal	4	-	-	-	-	-	-	-	-	-	-
State	1	1	-	1	-	-	1	-	-	-	-
Local	1	-	1	-	1	-	1	1	-	-	1
New Mexico	31	8	4	11	3	9	3	2	4	-	2
Federal	10	5	1	1	3	4	-	1	-	-	-
State	16	2	3	8	-	4	3	-	2	-	2
Local	5	1	-	2	-	1	-	1	2	-	-
New York	52	5	1	4	-	14	8	22	6	7	1
Federal	9	1	1	-	-	7	-	1	4	-	1
State	6	2	-	1	-	1	4	1	1	1	-
Local	37	2	-	3	-	6	4	20	1	6	-
North Carolina	6	2	1	1	1	2	1	-	2	-	-
Federal	5	2	1	-	1	2	1	-	2	-	-
State	1	-	-	1	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
North Dakota	6	2	3	-	2	2	1	-	1	-	-
Federal	4	1	2	-	2	2	1	-	-	-	-
State	2	1	1	-	-	-	-	-	1	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Ohio	6	1	1	-	2	2	-	1	1	-	-
Federal	4	1	1	-	-	1	-	-	1	-	-
State	1	-	-	-	-	1	-	-	-	-	-
Local	1	-	-	-	1	-	-	1	-	-	-
Oklahoma	6	2	2	1	3	2	2	-	1	-	-
Federal	6	2	2	1	3	2	2	-	1	-	-
State	-	-	-	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Oregon	15	1	6	6	4	3	3	1	4	-	2
Federal	13	1	5	5	4	3	2	-	4	-	2
State	1	-	-	-	-	-	-	1	-	-	-
Local	1	-	1	1	-	-	1	-	-	-	-
Pennsylvania	39	3	-	2	1	17	-	17	-	-	-
Federal	9	2	-	-	-	4	-	3	-	-	-
State	9	1	-	1	1	3	-	4	-	-	-
Local	21	-	-	1	-	10	-	10	-	-	-
Rhode Island	9	2	4	1	3	-	5	-	2	-	-
Federal	6	1	3	-	2	-	4	-	1	-	-
State	2	1	-	1	-	-	-	-	-	-	-
Local	1	-	1	-	1	-	1	-	1	-	-
South Carolina	11	5	2	3	1	2	1	-	-	1	-
Federal	8	4	2	2	1	2	1	-	-	-	-
State	2	1	-	1	-	-	-	-	-	1	-
Local	1	-	-	-	-	-	-	-	-	-	-
South Dakota	11	3	4	-	4	3	3	-	3	-	-
Federal	10	3	3	-	3	2	3	-	2	-	-
State	-	-	-	-	-	-	-	-	-	-	-
Local	1	-	1	-	1	1	-	-	1	-	-
Tennessee	6	1	-	-	-	1	1	1	-	1	-
Federal	4	1	-	-	-	1	-	-	-	-	-
State	1	-	-	-	-	-	1	1	-	-	-
Local	1	-	-	-	-	-	-	-	-	-	-
Texas	37	6	12	2	19	27	5	-	1	-	-
Federal	13	5	5	-	10	8	2	-	-	-	-
State	-	-	-	-	-	-	-	-	-	-	-
Local	24	1	7	2	9	19	3	-	-	-	-

Table 18.--Description of adult education programs in number of ratings for primary and secondary purposes, at each level of governmental sponsorship for each State or other area and for the Nation, and percent that primary and secondary ratings are of the options available for ratings for the Nation: United States, 1968-69 and 1969-70--Continued

State or other area and level of governmental sponsorship of adult education	Options 1/	Ratings describing programs 2/									
		Basic education		High school or GED		Occupational training		General and college subjects		Other	
		Primary	Secondary	Primary	Secondary	Primary	Secondary	Primary	Secondary	Primary	Secondary
1	2	3	4	5	6	7	8	9	10	11	12
Utah	11	1	1	-	-	1	2	1	2	1	1
Federal	8	1	1	-	-	1	2	1	1	1	-
State	2	-	-	-	-	-	-	-	-	-	-
Local	1	-	-	-	-	-	-	-	1	-	1
Vermont	7	1	3	-	3	3	1	-	2	-	1
Federal	7	1	3	-	3	3	1	-	2	-	1
State	-	-	-	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Virginia	13	1	1	9	-	1	1	1	-	-	-
Federal	4	1	1	-	-	1	1	1	-	-	-
State	2	-	-	2	-	-	-	-	-	-	-
Local	7	-	-	7	-	-	-	-	-	-	-
Washington	30	8	7	3	10	9	8	-	6	5	1
Federal	21	6	6	1	10	5	8	-	6	3	1
State	2	-	-	-	-	1	-	-	-	-	-
Local	7	2	1	2	-	3	-	-	-	2	-
West Virginia	14	2	6	-	2	4	5	2	3	-	-
Federal	13	2	6	-	1	4	4	2	2	-	-
State	-	-	-	-	-	-	-	-	-	-	-
Local	1	-	-	-	1	-	1	-	1	-	-
Wisconsin	16	1	4	-	3	1	8	-	6	5	-
Federal	15	1	4	-	2	1	7	-	5	5	-
State	1	-	-	-	1	-	1	-	1	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Wyoming	4	1	1	1	1	-	2	-	1	-	-
Federal	4	1	1	1	1	-	2	-	1	-	-
State	-	-	-	-	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Outlying areas	35	9	9	1	8	14	6	1	1	1	3
Federal	23	5	4	-	2	11	4	-	-	1	-
State	12	4	5	1	6	3	2	1	1	-	3
Local	-	-	-	-	-	-	-	-	-	-	-
American Samoa	10	4	2	-	-	4	1	1	-	-	-
Federal	5	1	1	-	-	3	1	-	-	-	-
State	5	3	1	-	-	1	-	1	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-
Canal Zone	-	-	-	-	-	-	-	-	-	-	-
Guam	5	1	-	-	1	4	-	-	-	-	1
Federal	4	1	-	-	-	3	-	-	-	-	-
State	1	-	-	-	-	1	-	-	-	-	1
Local	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	11	2	5	-	6	4	4	-	-	1	1
Federal	7	1	2	-	2	3	2	-	-	1	-
State	4	1	3	-	4	1	2	-	-	-	1
Local	-	-	-	-	-	-	-	-	-	-	-
Trust Terr., Pac. Is.	4	1	1	-	1	2	-	-	1	-	1
Federal	3	1	-	-	-	2	-	-	-	-	-
State	1	-	1	-	1	-	-	-	1	-	1
Local	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands	5	1	1	1	-	-	1	-	-	-	-
Federal	4	1	1	-	-	-	1	-	-	-	-
State	1	-	-	1	-	-	-	-	-	-	-
Local	-	-	-	-	-	-	-	-	-	-	-

1/ These are numbers of line entries per State, including both identifiable programs and grouped reportings.

2/ Respondents were instructed to state the primary purpose, and to check all descriptions that applied to each program reported, thus permitting multiratings for the same program. Not all programs were rated.

3/ Read percentages across. Total for primary ratings cannot exceed 100 percent. Total for secondary ratings may exceed 100 percent.

METHODOLOGY

Development of the Survey

Three special surveys of adult education in the public schools have been produced by the U.S. Office of Education (OE) in the past. The first, for 1947-48 by Homer Kempfer (reference 15), was a State-by-State survey of school districts in communities with certain size populations. The second, for 1956-57 by John Holden (reference 11), was a survey of State departments of education, supplemented with data from the vocational education digests. The last, for 1958-59 by Marthine Woodward (reference 28), was not conducted by State, but was a national survey of school districts with elementary-secondary enrollments of certain size. Additional information about prior surveys appears in appendix A.

Definitions. For purposes of this survey, adult education is "organized instruction to meet the unique needs of persons beyond compulsory school age who have interrupted or completed their formal full-time schooling."

Additional definitions as finally evolved for use in this survey are given in the instructions in the data-collection instrument in appendix C.

Procedures. The present survey utilized a number of procedures to encourage the completeness of program reporting by the States and hence the comprehensiveness of the statistics on adult education: (1) The National Association for Public School Adult Education (now the National Association for Public Continuing and Adult Education) contributed significantly by convening a special task force in its affiliate the National Council of State Directors of Adult Education, to counsel generally and to review the data-collection instruments and procedures, as well as to enlist the cooperation of State directors of adult education in supplying data. (2) The survey form was designed to collect information already available in the States. (3) Enumeration of 27 specific Federal programs for consideration increased the possibility of receiving relevant statistics and enhanced comparability of data; the focus on programs as the building blocks to State summaries and national estimates was expected to increase the reliability of the data provided. (4) Reviewers judged the data-collection instrument, OE Form 2323, to be feasible from the viewpoint of the State respondents. (5) Chief State school officers cooperated by designating a coordinator in each State to be responsible for collecting and providing the statistics. (6) Preliminary analysis of returns, through four tests for reasonableness of the data provided,

helped spot possibly incomplete or ambiguous reportings. (7) Intensive and systematic telephone conversations with coordinators facilitated resolution of apparent difficulties. (8) Hand processing of data permitted flexibility in approaching unforeseen problems bound to be encountered in a first-time-in-a-long-time survey.

No effort was made by survey personnel to change State data on the basis of information available from other sources; indeed, files in Washington were inadequate for any such attempt.

Administering Authorities. To make the national survey as easy as possible and to keep the number of respondents to a minimum, it was decided that this survey would be of State summaries.

Early intentions were to collect adult education data from State departments of education for public schools only. But some States objected that this channel would eliminate their reports altogether, so the survey was extended to cover community colleges and the title reworded to become "Survey of Adult Education in the Public Education System."

Thus, statistics were collected from two administering authorities: the State education agency (SEA) and the office responsible for public community and junior colleges (CC). Vocational education figures for adults were to be reported as part of either or both of these administering authorities, as appropriate for each State.

Levels of Governmental Sponsorship. During the evolution of the survey instrument it became apparent that the form would be in three parts by level of governmental sponsorship: Federal, State, and local.

Federally funded adult education programs. Because many new Federal laws facilitating adult education had been enacted in recent years and because programs under Federal laws generally require an accounting, it was felt that data about them should be readily available and that their listing could facilitate data collection. Furthermore, specific requirements for data should permit comparison of statistics received from the States. To enumerate the federally funded adult education programs became a research project in itself. At the time this survey was begun, the only resource available was the two-part inventory compiled on contract by Greenleigh Associates for the President's National Advisory Committees on Adult Basic Education and on Extension and Continuing Education (references 7 and 8), which listed programs in effect in 1967. By going through the programs one by one and identifying those specifying that public school systems were eligible for funding, 55 federally sponsored adult instruction programs were listed. From these, the Task Force from the National Council of State Directors of Adult Education selected 24 programs as being more or less common among the States.

Government officials added three more programs, and verified or updated all 27 selected federally funded adult education programs finally listed in the data collection instrument. Provision was made for States to write in additional federally sponsored programs unique to their operations.

The choice of these 27 Federal programs was supported by two documents which became available later: Quattlebaum's compilation of Federal education programs (reference 24) and the directory of federally supported adult education programs by the Adult Education Association/USA (reference 1).

State and local sponsor. To round out the coverage, sections for State-sponsored and locally sponsored adult education programs were added to the survey. These were left open with the expectations that entries would reveal common classifications for adult education at these levels.

Enrollment and Instructional Staff. As desirable as it might be to have detailed information about subjects being taught, characteristics of students, financial arrangements, and other particulars relevant to adult education, it was assumed that most States were unlikely to have such statistics available. Therefore, it was decided to restrict the initial survey simply to the two most important and readily accessible items: numbers of students and numbers of instructors.

Even these two items became complex when they were broken down into full-time and part-time, for two successive years (1968-69 and 1969-70), and from two administering authorities (SEA and CC).

Full-time and part-time. After consultation with numerous people, the definition of full-time for both students and instructors was established as 15 hours or more per week, though some considered 20 hours as half-time; 12 hours was commonly used for full-time; and when returns came in, it was noted that the California education code stipulated that 10 hours or more per week constituted full-time.

Change from one year to the next. Originally the plan was to collect data for one year only. But as it became evident that States would receive the survey late in the school year, the form requested hard data for the preceding year and estimates for the current year. By the time returns came in, data for the second year generally represented actual counts rather than estimates. By having data for two successive years, additional analyses could be made about changes in adult education from one year to the next.

Duplication. To minimize program duplication, programs with multi-sponsorship (more than one governmental level of encouragement) were to be reported at time of first occurrence on the form. Combined programs (more than one Federal funding agency) were to be reported under the primary program. Thus, entries would not be repeated.

In addition, respondents were to estimate the percentage of enrollees which, according to the coordinator's experience, probably could be considered duplicated. (See table f and the later section "Duplication" for information on enrollment duplication obtained from this survey.)

Review by Potential Respondents. The State Director's Task Force tested the feasibility of the draft instrument by circulating it to several potential respondents, who stated that the form could be completed without great difficulty and should yield the desired information.

A total of 57 persons were consulted throughout the design stage of the survey, including adult education specialists, educational data systems representatives, executives of professional associations, and officials in the Office of Education and other Federal agencies. They provided advice on form design, definitions, data items, Federal programs, respondent reaction, data collection, and construction of table shells.

Approval of the survey was granted by the Bureau of the Budget (now Office of Management and Budget) in March 1970. The questionnaire was assigned the identification OE Form 2323 and mailed to the States.

Collection of the Data

On April 24, 1970, the survey packages were mailed to every chief State school officer; each packet contained a letter of explanation, several copies of OE Form 2323 with instructions, and a return postcard for reporting the name of the person designated to represent the State in coordinating adult education statistics (appendix C). Information copies were sent to the State director of adult education and to the State's representative on the Committee on Educational Data System (CEDS).

Table d shows that of the 57 coordinators from the States, the District of Columbia, and outlying areas, about two-thirds were adult educators and the rest were from statistical or vocational services.

The first two completed questionnaire forms were received on May 22, 1970. By October 15, 1970, returns from 10 States and 4 outlying areas were still outstanding. The last form was received in March 1971.

Table d.--Coordinator appointed by chief State school officer to collect and report statistics for the survey on adult education in the public education system, by State or other area: United States, 1968-69 and 1969-70

BEST COPY AVAILABLE

State or other area	Coordinator				
	Adult education		Statistical services		Other ^{2/}
	State director	Admin-istrator	CEDS* representative	Other services ^{1/}	
<u>50 States and D.C.</u>	27	8	6	7	3
Alabama	x	-	-	-	-
Alaska	-	x	-	-	-
Arizona	-	x	-	-	-
Arkansas	x	-	-	-	-
California	-	x	-	-	-
Colorado	-	x	-	-	-
Connecticut	x	-	-	-	-
Delaware	x	-	-	-	-
District of Columbia	x	-	-	-	-
Florida	-	-	-	-	x
Georgia	-	-	-	x	-
Hawaii	-	x	-	-	-
Idaho	-	-	x	-	-
Illinois	x	-	-	-	-
Indiana	x	-	-	-	-
Iowa	-	x	-	-	-
Kansas	x	-	-	-	-
Kentucky	x	-	-	-	-
Louisiana	x	-	-	-	-
Maine	x	-	-	-	-
Maryland	-	-	x	-	-
Massachusetts	-	-	x	-	-
Michigan	x	-	-	-	-
Minnesota	-	-	x	-	-
Mississippi	-	-	x	-	-
Missouri	x	-	-	-	-
Montana	-	-	x	-	-
Nebraska	x	-	-	-	-
Nevada	-	x	-	-	-
New Hampshire	x	-	-	-	-
New Jersey	x	-	-	-	-
New Mexico	x	-	-	-	-
New York	x	-	-	-	-
North Carolina	-	-	-	x	-
North Dakota	-	-	-	x	-
Ohio	-	-	-	-	x
Oklahoma	x	-	-	-	-
Oregon	x	-	-	-	-
Pennsylvania	x	-	-	-	-
Rhode Island	-	-	-	x	-
South Carolina	-	-	-	x	-
South Dakota	x	-	-	-	-
Tennessee	x	-	-	-	-
Texas	x	-	-	-	-
Utah	x	-	-	-	-
Vermont	x	-	-	-	-
Virginia	-	-	-	x	-
Washington	x	-	-	-	-
West Virginia	-	x	-	-	-
Wisconsin	-	-	-	-	x
Wyoming	-	-	-	x	-
<u>Outlying areas</u>	2	1	-	-	3
American Samoa	-	-	-	-	x
Canal Zone	-	-	-	-	x
Guam	-	-	-	-	x
Puerto Rico	x	-	-	-	-
Trust Terr., Pac. Is.	-	-	-	-	-
Virgin Islands	x	-	-	-	-

*CEDS - Committee on Educational Data Systems.

^{1/} Includes planning, research, and evaluation officers.

^{2/} Includes occupational and vocational specialists.

Tests for Adequacy of Returns. When about 75 percent of the returns were in, four tests were run to assess the adequacy of the data. The first checked comprehensiveness in completing the survey form; the care with which information was supplied for the many requested items could well indicate the quality of the information itself. Scores were given to such factors as the inclusion of an explanatory cover letter, information about duplication, parallel data for enrollments and instructional staff, data for both years, and specific program reporting rather than grouped reporting.

The second test compared 1968-69 figures returned by the States with reports for the same year from the Office of Education's program offices: Adult Basic Education, Adult Vocational Education, Civil Defense Adult Education, and Manpower Development and Training. One interesting finding here was that comparison of a State's individual programs with Office of Education program data revealed greater differences when programs were examined separately than when statistics were summed for all four programs. In other words, discrepancies in the detail data balanced out when the figures were aggregated.

The third test compared the proportion of a State's population enrolled in adult education with the proportion enrolled in elementary and secondary education.

The fourth test compared returns from the current survey with figures for adult education reported in the preceding year's publication Statistics of State School Systems, 1967-68 (reference 3).

When States were ranked according to differences revealed in each of these tests, inadequacy, gaps, or weaknesses in reporting became apparent.

The four Office of Education program officers and a sampling of program administrators in other Federal government agencies were consulted for explanations of States' reportings.

State reports on Adult Basic Education were practically identical with the Office of Education's program reports and therefore needed the least verification. Apparent underreporting of Adult Vocational Education by certain States may have been due to their administration of that program outside the reporting authority for the current survey. The program officer for Civil Defense Adult Education warned that the concept of civil defense varies from State to State so that reporting of programs would not be consistent. The Manpower Development and Training officer did not expect State summary statistics to agree with the program report but volunteered that statistics in the present survey "look quite reasonable."

There appeared to be serious overreporting by some States for the Federal agricultural program. Advice was sought through the U.S. Department of Agriculture in Washington, D.C., and their expert on agricultural extension in the United States provided comments which then formed a basis for future interactions with the States. Specialists in the Vocational Rehabilitation office helped to interpret State entries for that program. Some States had to be reminded that OE Form 2323 covered statistics only for adults receiving instruction in the

public schools. A spot check on State returns with sponsoring Federal government agencies provided some insights on the reporting of statistics. A full check with all Federal agencies would have been an impossibly time-consuming task out of proportion to the information desired and the degree of certitude provided.

Verification With State Coordinators. In the winter of 1970-71, telephone calls were made to each State coordinator to verify, clarify, or supplement statistics submitted. Changes in statistics were made only with permission of the State coordinator. As much concern was expressed to coordinators about possibly inflated figures as about figures that might be incomplete. Changes in both directions eventuated from the telephone interactions. In most cases, satisfactory explanations were offered for the original statistics; all other apparent discrepancies within program reports were satisfactorily resolved.

Agencies Reporting and Contacted. No consistent pattern of agency reporting exists among the States, as shown in table e. For every three States with a State education agency as a primary source of reporting, there was at least one State with an organizationally independent community college board to report in its own right. Twelve States show both agencies as sources. The community college board is the sole primary reporting source in only four States: Iowa, North Carolina, Oregon, and Washington.

Caveats

Line Entries. Though data were requested for specific programs, States sometimes grouped their data so that programs could not be differentiated. Consequently, reference is made throughout this report to "line entries," which are individual rows of data submitted. Differentiation is made between "identifiable programs" and "grouped reporting" so that specificity of data submission can be recognized.

Recurring and Nonrecurring Programs. A few programs (or line entries) reported in 1968-69 were not reported in 1969-70, and vice versa. This distinction is noted in the statistics where pertinent.

Multisponsorship. To avoid repetitive entries of statistics for programs sponsored at several governmental levels, respondents were to report data at time of first occurrence on the form--in effect, at the highest level of governmental sponsorship. Consequently, data for Federal and State sponsorships may be somewhat artificially inflated, while information on local sponsorship is conservative.

Table e.--Administering agencies reporting, and contacted for, adult education statistics,
by State or other area: United States, 1968-69 and 1969-70

BEST COPY AVAILABLE

Agencies reporting <u>1/</u>	Agencies or functions contacted <u>2/</u>							
	State <u>3/</u> education agency (SEA)		Community <u>3/</u> or junior colleges (CC)		Vocational <u>3/</u> education		Other <u>4/</u>	
1	2		3		4		5	
<u>50 States and D.C. 5/</u>	46X	12Y	16X	18Y	1X	47Y	1X	13Y
Alabama								
SEA		X ^{1/}		Y ^{2/}		Y		-
Alaska								
SEA		X		Y		Y		Y
Arizona								
SEA		X		Y		Y		-
CC		-		X		-		-
Arkansas								
SEA		X		-		Y		-
California								
SEA		X		Y		Y		-
CC		Y		X		Y		-
Colorado								
SEA		X		Y		Y		Y
Connecticut								
SEA		X		-		Y		-
CC		-		X		-		-
Delaware								
SEA		X		Y		Y		Y
District of Columbia								
SEA		X		-		Y		-
Florida								
SEA		X		Y		Y		Y
CC		-		X		-		-
Georgia								
SEA		X		-		-		-
CC		-		X		-		-
Hawaii								
SEA		X		Y		-		-
Idaho								
SEA		X		-		-		-
Illinois								
SEA		X		-		Y		-
Indiana								
SEA		X		-		Y		-
Iowa								
CC		Y		X		Y		-
Kansas								
SEA		X		Y		Y		Y
Kentucky								
SEA		X		-		-		-
Louisiana								
SEA		X		-		Y		-
Maine								
SEA		X		-		-		-

Table e.--Administering agencies reporting, and contacted for, adult education statistics,
by State or other area: United States, 1968-69 and 1969-70--Continued

BEST COPY AVAILABLE

Agencies reporting <u>1/</u>	Agencies or functions contacted <u>2/</u>			
	State <u>3/</u> education agency (SEA)	Community <u>3/</u> or junior colleges (CC)	Vocational <u>3/</u> education	Other <u>4/</u>
1	2	3	4	5
Maryland				
SEA	X	-	-	Y
CC	-	X	-	Y
Massachusetts				
SEA	X	Y	Y	-
CC	Y	X	Y	-
Michigan				
SEA	X	-	Y	-
Minnesota				
SEA	X	Y	Y	-
Mississippi				
SEA	X	Y	Y	-
Missouri				
SEA	X	-	Y	-
CC	Y	X	-	-
Montana				
SEA	X	-	Y	-
CC	Y	X	Y	-
Nebraska				
SEA	X	Y	Y	-
Nevada				
SEA	X	Y	Y	-
New Hampshire				
SEA	X	-	Y	Y
New Jersey				
SEA	X	-	-	-
New Mexico				
SEA	X	-	Y	-
CC	Y	X	Y	-
New York				
SEA	X	-	-	-
CC	Y	X	Y	Y
Other	-	-	-	X
North Carolina				
CC	Y	X	Y	-
North Dakota				
SEA	X	-	Y	-
Ohio				
SEA	X	-	Y	Y
Oklahoma				
SEA	X	-	Y	-
Oregon				
CC	Y	X	Y	-
Pennsylvania				
SEA	X	Y	Y	-
CC	Y	X	Y	-

Table e.--Administering agencies reporting, and contacted for, adult education statistics, by State or other area: United States, 1968-69 and 1969-70--Continued

BEST COPY AVAILABLE

Agencies reporting 1/	Agencies or functions contacted 2/			
	State 3/ education agency (SEA)	Community 3/ or junior colleges (CC)	Vocational 3/ education	Other 4/
1	2	3	4	5
Rhode Island SEA	X	-	Y	-
South Carolina SEA	X	-	Y	-
South Dakota SEA	X	-	Y	-
Tennessee SEA	X	Y	Y	-
Texas SEA	X	-	Y	-
Utah SEA	X	Y	Y	Y
Vermont SEA	X	-	Y	-
Virginia SEA	X	-	Y	-
Washington CC	Y	X	Y	Y
West Virginia SEA	X	-	Y	-
Wisconsin Vocational Education	Y	-	X	Y
Wyoming SEA	X	-	-	-
<u>Outlying areas</u>	4X	1X	4Y	-
American Samoa CC	-	X	Y	-
Canal Zone	-	-	-	-
Guam SEA	X	-	Y	-
Puerto Rico	X	-	Y	-
Trust Terr., Pac. Is. SEA	X	-	Y	-
Virgin Islands SEA	X	-	-	-

1/ Reporting agencies are identified with X.

2/ Agencies or functions contacted are identified with Y. Sometimes these are distinct and separate authorities; at other times they are a part of another agency. Contact indicates attempt by coordinator to collect data rather than actual receipt of statistics.

3/ Column headings are descriptive and not necessarily actual terms used by each State.

4/ "Other" includes educational agencies such as skill centers, extension services (excluding four-year college credit institutions), and two-year agricultural schools. Noneducational cooperating agencies are reported in a separate table.

5/ States were requested to submit separate forms reporting adult education administered by the State education agency and by the community colleges as appropriate. Therefore, the total number of reports submitted is more than 51.

Two Kinds of Summary Data. Most tables provide two kinds of summarizing data. Both are useful, and selection of one or the other, or both, depends on the user's needs.

The national summary for the 50 States and the District of Columbia is weighted by large States or large programs, or by the disproportionally large size among all the things being measured.

In the figure for the average State, each State is equally weighted by summing individual State figures and dividing by total States.

Precise Numbers. Counts do not purport to be accurate to the last digit.

Duplication

Possible duplication among figures for adult education in the public education systems remains a knotty problem. For a long period, "enrollment" was defined as "cumulative registrations." Over time the need has increased for unduplicated counts.

Special provision was made in OE Form 2323 to attempt to (a) minimize duplicate program reporting and (b) ascertain the proportions of the enrollment and staff statistics deemed duplicative.

Instructions were issued to avoid duplicate reporting for adult education programs. Combined and multisponsored programs were to be reported only once, either for primary purpose or at time of first occurrence on the survey form.

Because adult education may be informal and of short duration, precise records are not generally maintained for persons attending more than one activity simultaneously or sequentially. State coordinators were invited, nevertheless, to file estimates on the amount of duplication in the submitted figures. Responses were meager: only one-quarter of the States offered any hard data, and then the estimates usually applied only to portions of their total returns.

A special worksheet was devised to record all relevant statistical data and comments from the States on duplication. Table f shows the frequency of responses categorized under general headings. Four States said their data represented unduplicated counts; the remaining States responded as indicated.

For each State that estimated some portion of returns as duplicate counts, the percentage of the total was determined. The resulting percentages for the States and the Nation are conservative estimates of duplicates or, conversely, liberal estimates of nonduplicated registrations.

Table f.--Duplication information on figures for adult education enrollment and instructional staff, by State or other area: United States, 1968-69

State or other area	No duplication	Attempt to provide unduplicated data	Some duplication, no amount indicated	Don't know or no information	Data of some kind on enrollment duplication	Percent of total State enrollment duplication	Data of some kind on instructional staff duplication	Percent of total State instructional staff duplication
<u>50 States and D.C.</u>	4	20	8	6	13	2.1	6	1.7
Alabama	-	-	X	-	-	-	-	-
Alaska	-	X	-	-	-	-	-	-
Arizona	-	X	-	-	-	-	-	-
Arkansas	-	-	-	X	-	-	-	-
California	-	-	-	-	X	3.2	-	-
Colorado	-	X	-	-	-	-	-	-
Connecticut	-	X	-	-	-	-	-	-
Delaware	-	X	-	-	-	-	-	-
District of Columbia	-	-	-	X	-	-	-	-
Florida	-	X	-	-	-	-	-	-
Georgia	-	X	-	-	-	-	-	-
Hawaii	-	-	-	-	X	20.0	-	-
Idaho	-	X	-	-	-	-	-	-
Illinois	-	-	-	-	X	1.9	-	-
Indiana	X	-	-	-	-	-	-	-
Iowa	-	-	-	-	X	15.4	-	-
Kansas	-	X	-	-	-	-	-	-
Kentucky	-	-	-	-	X	1.5	-	-
Louisiana	-	X	-	-	-	-	-	-
Maine	-	X	-	-	-	-	-	-
Maryland	-	-	-	-	X	11.2	X	9.3
Massachusetts	-	X	-	-	-	-	-	-
Michigan	-	-	X	-	-	-	-	-
Minnesota	-	-	-	X	-	-	-	-
Mississippi	-	X	-	-	-	-	-	-
Missouri	-	X	-	-	-	-	-	-
Montana	-	-	-	-	X	7.7	X	13.8
Nebraska	-	X	-	-	-	-	-	-
Nevada	-	-	-	X	-	-	-	-
New Hampshire	-	-	X	-	-	-	-	-
New Jersey	-	-	-	-	X	9.3	X	9.3
New Mexico	-	X	-	-	-	-	-	-
New York	-	-	X	-	-	-	-	-
North Carolina	-	-	-	X	-	-	-	-
North Dakota	X	-	-	-	-	-	-	-
Ohio	-	-	-	-	X	4.9	X	15.2
Oklahoma	-	X	-	-	-	-	-	-
Oregon	-	-	X	-	-	-	-	-
Pennsylvania	X	-	-	-	-	-	-	-
Rhode Island	X	-	-	-	-	-	-	-
South Carolina	-	-	-	-	X	10.0	-	-
South Dakota	-	-	-	-	X	8.2	X	12.0
Tennessee	-	-	X	-	-	-	-	-
Texas	-	X	-	-	-	-	-	-
Utah	-	X	-	-	-	-	-	-
Vermont	-	-	-	X	-	-	-	-
Virginia	-	-	-	-	X	.5	-	-
Washington	-	-	-	-	X	3.3	X	2.1
West Virginia	-	X	-	-	-	-	-	-
Wisconsin	-	-	X	-	-	-	-	-
Wyoming	-	-	X	-	-	-	-	-
<u>Outlying areas</u>	1	2	-	1	-	-	-	-
American Samoa 1/	-	-	-	-	-	-	-	-
Canal Zone	-	-	-	-	-	-	-	-
Guam	-	X	-	-	-	-	-	-
Puerto Rico	-	-	-	X	-	-	-	-
Trust Terr., Pac. Is.	X	-	-	-	-	-	-	-
Virgin Islands	-	X	-	-	-	-	-	-

1/ No report for 1968-69.

Table f suggests that the occurrence of the same person more than once in enrollment figures varied from State to State, with a possible overall estimate of 10 percent. Hard data reported by the States on duplication was less than 3 percent for the total.

For the 13 States providing data on duplication of enrollments, the average was 8.36 percent duplication; for the 6 States reporting duplication data for instruction staff, the average was 10.28 percent.

An approach different from that reflected in table f is to ignore the State totals and simply deal with the line entries or independent programs within States for which duplication data were received. Data on the 23 such line entries on enrollments yielded a mean duplication of 12.59 percent; for instructional staff, the 14 line entries had a mean percentage duplication of 12.44.

Woodward (reference 28), dealing directly with school districts in 1958-59, found a reported duplicate rate in enrollment figures of 12.69 percent. This figure differs hardly at all from the 12.59 percent average duplication for line entries in the 1968-69 survey. One can speculate today that the true duplicate rate for enrollments falls somewhere between 7 and 13 percent for the Nation, with variations from this of 5 to 10 percentage points among the States.

Perhaps duplication can be reduced in the future through improved recordkeeping, refinement of definitions, frequent surveying, and the application of sophisticated data-processing techniques.

IMPLICATIONS FOR FUTURE STUDIES

The present study anchors knowledge about various aspects of adult education in the public education system. Future studies should be able readily to exploit these basic data, provided reasonably similar inquiries are pursued.

The comprehensiveness of reporting programs and related statistics failed to be universal for all States. In the future, efforts can be made in concert with the States, interested professional organizations, and the Office of Education to overcome whatever factors caused this uneven reporting.

With recognition of the many demands placed on State officials, the questionnaire can be revised to include items that people in the field believe to be critical. Sharper definitions of key terms can be determined by cooperative effort with field personnel. A clearer plan for analysis will make possible computer processing for earlier dissemination of the findings.

The growth and direction of the community and junior colleges in adult education deserve close monitoring. More information is needed on the various kinds of cooperation by cosponsoring agencies; variations in degree and type should be related to other data on educational programs.

With the presentation of the fundamental statistics, base lines have been established for percentages of part-time in the totals for both enrollments and instructional staff, percentage changes in enrollments and instructional staff from one year to another, and the descriptive purposes of the programs. These data are further broken down by level of governmental sponsorship, particular adult education programs, community and junior college involvement, and cooperating agencies. Such data should provide important base lines that can be used in establishing trends.

OUTLOOK

What is the role of the public education system in adult education? Survey findings paint a vital and dynamic future.

Volunteers for Learning, 1965 (reference 14) predicts a tremendous growth by 1982 in the number of adults under age 35 who would be relatively well-educated white-collar workers with higher incomes in metropolitan areas and, therefore, potential candidates for adult education. Instead of predicting that these people would be flocking to the public school systems for their instruction, the data in Volunteers for Learning suggest a large proportion of them probably would go elsewhere.

On the other hand, Holden, 1969 (reference 11), reminds us that adult education enrollments in the public schools have grown from 203,000 at the turn of the century to 6,600,000 in 1967. This jump of 32.5 times the early adult education enrollment must be contrasted with an increase in the general population only 2.60 times for the same 67-year period.

Adult education enrollment in the public education system is still growing faster than the U.S. population. The current survey revealed that adult education enrollment in 1969-70 was 1.10 times greater than it was in 1968-69, while U.S. residential population increased 1.01 times during the same period.

Forces inherent in society augur the expansion of adult education activities in the public education system. Policy questions arise concerning the function of the public education system in society and its orientation to the needs of growing numbers of citizens. Channeling of funds and services can be influenced by the planners and administrators. Survey results reflect current situations and yield data pertinent to decisions that could sway the future.

APPENDIXES

- A. Prior Surveys of Public
School Adult Education
- B. Selected References
- C. Survey Instrument

APPENDIX A

PRIOR SURVEYS OF PUBLIC SCHOOL ADULT EDUCATION

U.S. Office of Education Reports

Three public school adult education statistical surveys have been conducted by the U.S. Office of Education prior to the current survey. These three, by Kempfer for 1947-48 (reference 15), Holden for 1956-57 (reference 12), and Woodward for 1958-59 (reference 28), used different bases for data collection and were not comparable. Two earlier adult education reports, by Alderman for 1924 (reference 2) and Gaumnitz and Stanton for 1940 (reference 6), were descriptive rather than statistical. Table A-1 gives a chronological list of public school adult education statistical surveys and indicates the bases for their data.

Beginning with 1925-26, the Biennial Surveys of Education (references 3, 9, 10, 13, 15, 25, 26 and 27) have been a steady source of data pertaining to adult education (at first called "public night schools"), even though they vary in the number of States reporting. Only for the 20-year period, 1929 to 1949, did all States provide some kind of public school adult education statistics. After that, the number of cooperating States ranged from 33 to 38; frequently missing and inadequate data were supplemented by adult vocational education statistics from the Vocational Education Digests. Table A-2 provides a chronological listing of the biennial adult education statistics.

Other Surveys

Professional associations have collected public school adult education statistics from time to time: the National Education Association for 1950-51, 1968-69, and 1969-70 (reference 19, 20, 21); the Adult Education Association for 1952-53 (reference 1); and the National Association for Public Continuing and Adult Education (and its predecessor, the National Association for Public School Adult Education) from 1965-66 to the present (references 16, 17, 18). The American Association for Community and Junior Colleges identified adult students in its annual directories for 1947-48 through 1958 (references 4 and 5).

One-time reports with public school adult education statistics have been prepared by the National Opinion Research Center for 1962 (reference 12) and the Council of Chief State School Officers for 1966-67 (reference 11).

Table A-1.--Adult education surveys and their data bases, with public school adult education enrollment statistics as national estimates:
United States, 1947-48 through 1969-70

Reference	Statistical year	Data bases and coverage	Public school adult education enrollment (National estimates), numbers
1	2	3	4
Kempfer, 1949 Office of Education (OE) Federal Security Agency (FSA) (15)	1947-48	School districts in populations of 2,500 and over drawn from 1940 census; limited survey by some States of school districts in smaller populations. Many districts with known adult education activities failed to provide data. Adult vocational education (AVE) included; public junior college (CC) adult education included; cooperative (co-op) involvement excluded; duplication (dupl.) not mentioned. 48 States and D.C.	2,128,887
		Annual reports, voc. ed. stat. and special State reports suggest approx. 820,000 more.	<u>820,000</u> 3,000,000
National Education Association (NEA) 1952 (19)	1950-51	Stratified sampling of different size cities, extrapolations, and estimates. AVE and CC included; co-op excluded; dupl. not mentioned. 30 States and D.C.	4,744,256* (See footnote at end of table.)
Olds, 1954 Adult Education Association (23)	1952-53	Stratified random sample, designed by Census Bureau, of school districts with 150 or more children enrolled. AVE included; no mention CC, co-op, or dupl. Not State-by-State.	2,936,000

Table A-1.--Adult education surveys and their data bases, with public school adult education enrollment statistics as national estimates:
United States, 1947-48 through 1969-70--Continued

Reference	Statistical year	Data bases and coverage	Public school adult education enrollment (National estimates), numbers
1	2	3	4
Holden, 1959 U.S. Office of Education (OE) (12)	1956-57	Sum of adult general education (AGE) and AVE statistics obtained through survey of State education agencies supplemented by figures from "Statistics of State School Systems" in the Biennial Survey of Education and Digest of Annual State Vocational Education Reports. CC excluded; no mention co-op or dupl. 48 States and D.C.	AGE 2,562,316 AVE 1,810,738 <u>4,373,054</u>
Woodward, 1961, OE (28)	1958-59	School districts with 12,000 and more elementary/secondary pupils; sampling and projections for those between 150 and 11,999 pupils. Counts for "classes, correspondence courses, individual activities." AVE included; CC excluded; "cosponsorship" included. Unduplicated count. Not State-by-State.	2,896,000
Johnstone and Rivera, 1965 National Opinion Research Center (14)	1962	Interviews with 2,845 persons in national sample. Unduplicated attendance in attendance in adult education classes in elementary and high schools. AVE included; no mention CC, co-op. Not State-by State.	1,740,000

BEST COPY AVAILABLE

Table A-1.--Adult education surveys and their data bases, with public school adult education enrollment statistics as national estimates:
United States, 1947-48 through 1969-70--Continued

Reference	Statistical year	Data bases and coverage	Public school adult education enrollment (National estimates), numbers
1	2	3	4
National Association of Public School Adult Education, 1968 (16)	1965-66	Elementary and secondary level adult programs. No mention AVE, CC, co-op, dupl. 44 States.	1,665,573* (See footnote at end of table.)
Holden, 1969 Council of Chief School Officers and NEA (11)	1966-67	Sum of AGE and AVE statistics obtained through survey of State education agencies supplemented by figures from Adult Basic Education (ABE) and AVE reports. CC excluded; no mention co-op or dupl. 50 States and D.C.	AGE 3,534,930 AVE 3,065,170 6,600,100
National Association of Public Continuing and Adult Education (NAPCAE), 1970 (17)	1968-69	State directors of adult education supplied data for "ABE, high school, Americanization, business, and general adult education." No mention AVE, CC, co-op, dupl. 50 States and D.C.	4,276,576
NEA, 1968 (20)	1968-69	714 school systems with enrollments of 6,000 or more; no mention AVE, CC, co-op or dupl. 50 States and D.C.	1,305,681
NEA, 1970 (21)	1969-70	702 school systems; same as above. 50 States and D.C.	1,302,562

Table A-1.--Adult education surveys and their data bases, with public school adult education enrollment statistics as national estimates:
United States, 1947-48 through 1969-70--Continued

Reference	Statistical year	Data bases and coverage	Public school adult education enrollment (National estimates), numbers
1	2	3	4
NAPCAE, 1971 (18)	1969-70	State directors of adult education supplied for "ABE, high school, Americanization, business and general adult education." No mention AVE, CC, co-op, dupl. 50 States and D.C.	4,979,313

* Not all States included. See column 3 for the number of States reporting.

Table A-2.--Adult education enrollment figures from "Statistics of State School Systems" in Biennial Surveys of Education: United States, 1918-19 through 1967-68

Reference	Statistical year	Definitions and coverage ^{1/}	Public school adult education enrollment, ^{2/} numbers
1	2	3	4
Bureau of Education, Dept of Interior	1918-19 1920-22 1923-24	First three biennial surveys	No statistics pertaining to adult education
Kempfer, 1949 OE, FSA (15)	1925-26	1925-28 data are for "public night schools"	825,651*
	1927-28	30 States and District of Columbia (D.C.)	993,985*
	1929-30	48 States and D.C.	1,245,124
	1931-32	1931-36 data reflect sum for "night school"	1,320,679
	1933-34	and "part-time and continuation schools"	1,205,719
	1935-36	48 States and D.C.	1,408,044
	1937-38	"Adult schools" mentioned for first time; data are labeled "evening (public night) and adult schools;" data also for "part-time (PT) and continuation schools"	1,378,653
		48 States and D.C.	PT 424,421 1,803,074
	1939-40	1939-44 data are for "part-time, continuation, Americanization, evening and adult schools"	2,049,839
	1941-42		2,452,995
	1943-44	48 States and D.C.	1,659,681
	1945-46	"Adult education classes" separately reported for first time. 48 States and D.C.	1,689,497

See footnotes at end of table

Table A-2.--Adult education enrollment figures from "Statistics of State School Systems" in Biennial Surveys of Education: United States, 1918-19 through 1967-68--Continued

Reference	Statistical year	Definitions and coverage ^{1/}	Public school adult education enrollment, ^{2/} numbers
1	2	3	4
Woodward, 1960, OE (27)	1947-48	48 States and D.C.	1,990,005
	1949-50	48 States and D.C.	2,572,515
	1951-52	1951-56 data expanded by Woodward to cover all 48 States and D.C.	2,564,870
	1953-54		2,722,462
	1955-56		3,171,760
Schloss and Hobson, 1961 OE (25)	1957-58	Excludes Vocational Rehabilitation (Voc. Rehab.) and community college (CC) adult education 33 States and D.C.	2,420,531*
Hobson and Schloss, 1963, OE (9)	1959-60	Includes adult vocational education (AVE) for some States; excludes Voc. Rehab. and CC adult education 38 States and D.C.	2,282,563*
Hobson and Schloss, 1964, OE (10)	1961-62	Some State data duplicated; some State data for a different year; includes AVE for some States; excludes Voc. Rehab. and CC adult education 37 States and D.C.	2,493,846*
Elementary-Secundary Education Branch (ESEB) 1967. OE (26)	1963-64	Same as above. 33 States and D.C.	2,109,952*

See footnotes at end of table.

Table A-2.--Adult education enrollment figures from "Statistics of State School Systems" in Biennial Surveys of Education: United States, 1918-19 through 1967-68--Continued

Reference	Statistical year	Definitions and coverage ^{1/}	Public school adult education enrollment, ^{2/} numbers
1	2	3	4
Hutchins and Barr, 1968, OE (13)	1965-66	Same as above. 36 States and D.C.	2,657,798*
Barr and Scott, 1971 OE (3)	1967-68	Same as above 33 States and D.C.	3,662,390*

^{1/} Number of reporting States varies, due to shifting of administrative responsibility for adult education in and out of the State education agencies and due to nonresponse by a few States.

^{2/} Figures in column 4 are considered national totals, even though data from a few States are missing.

* Not all States included. See column 3 for number of States reporting.

Differences Among Surveys

Differences rather than similarities largely characterized past surveys on adult education. Some studies excluded adult vocational education; some shunned tabulations for public community or junior college adult education; almost all efforts avoided data on cooperative involvements with other agencies. In some surveys, "enrollments" reflected "cumulative registrations," while others seemingly ruled out possible duplications by fiat, and only the rare survey attempted to meet the problem directly. Occasionally, educated judgments filled known gaps; at other times, efforts meticulously adhered to survey-derived figures. One series of studies restricted adult education counts to part-time enrollment, but most studies failed to distinguish between part-time and full-time. Some surveys amalgamated their data with other research to achieve a final estimate. A limited number of reports were based on samplings of activities in various categories of school districts throughout the country, while others used statistics provided by the individual State departments of education.

Response rates have fluctuated widely among surveys. Kempfer, 1949 (reference 15), reported that, of 4,815 school districts sent a questionnaire on adult education activities, replies were received from only 68.6 percent. Of these, 18.2 percent failed to give any enrollment figures.

Holden, 1959 (reference 12), supplemented data obtained from State department of education with figures from the biennial "Statistics of State School Systems" and the Digest of Annual State Vocational Education Reports. For his 1969 chapter (reference 11), data were inserted from the Adult Basic Education and vocational education reports to augment data provided by the States.

Enrollment Trends

Reservations about any one estimate do not preclude the discernment of general changes or trends for adult education enrollments in the public education system. From the late twenties to the late sixties, the numbers of people participating in adult education through the public education system increased about five-fold.

Instructional Staff

An examination of table A-3 indicates over the years the increasing number of instructional personnel involved in adult education in the public education system.

Table A-3.--Public school adult education instructional staff, in numbers, from previous adult education surveys: United States, 1925-26 through 1969-70

Reference	Statistical year	Instructional staff, ^{1/} numbers
1	2	3
Kempfer, 1949	1925-26	21,213*
OE, FSA (15)	1927-28	22,304*
	1929-30	30,043
	1931-32	28,432
	1933-34	22,882
	1935-36	29,217
	1937-38	36,548
	1939-40	42,544
	1941-42	41,070
	1943-44	24,096
	1945-46	21,153
Woodward, 1960	1947-48	31,356
OE (27)	1949-50	46,667
Woodward, 1960	1951-52	52,804
OE (27)		
Woodward, 1960	1953-54	50,301
OE (27)	1955-56	62,704
Woodward, 1961	1958-59	80,500
OE (28)		
National Association of Public Continuing and Adult Education (NAPCAE), 1970 (17)	1968-69	83,175
NAPCAE, 1971 (18)	1969-70	104,856

^{1/} No differentiation between full-time and part-time.
See tables A-1 and A-2 for companion enrollment figures and comments on data bases and definitions.

* Not all States included.

A Study of Urban Public School Adult Education, 1952 (reference 19) indicates that the increase in instructional staff, between 1946-47 and 1950-51, for the smallest cities sampled (N=155) was 110.4 percent. The increase was 63.8 percent for medium-size cities (N=139), and 25.3 percent for the largest cities (N=65). These results are consistent with the enrollment for that period, showing a comparatively greater growth in adult education for the smaller communities.

Woodward, 1961 (reference 28), found the average class size for adult education in 1958-59 to be 25. The mean number of classes for teachers was 1.8 (the average ranging from 1.5 for small communities to 2.3 for the larger ones), and the mean number of enrollees per teacher varied from 35 for the small cities to 65 for the larger ones.

There were well over three times as many paid full-time teachers in the larger communities as in the smaller ones. For 1958-59, Woodward found, for her total sample, 2.2 percent paid full-time teachers, 89.8 percent paid part-time teachers, 3.6 percent regular teachers who taught adult classes without additional compensation, and 4.4 percent volunteer teachers.

The NAPCAE Almanac, 1970 (reference 17), listed for the 1968-69 school year for 41 States and the District of Columbia 5,781 full-time and 77,394 part-time instructors: 93.0 percent of all instructors were, then, part-time personnel. For 1969-70, for 47 States and the District of Columbia (NAPCAE Almanac, 1971, reference 18), the numbers were 9,484 full-time and 95,372 part-time instructors, with part-time instructors representing 91.0 percent of the total. Only several percentage points difference separate the Woodward figures for 1958-59 for paid part-time instructors and the comparable figures from NAPCAE, even though neither study explicitly treats classroom hours taught as criteria for full-time and part-time instruction.

APPENDIX B

SELECTED REFERENCES

1. Adult Education Association of the U.S.A. Federal Support for Adult Education, Directory of Programs and Services, Revised Edition. The Macmillan Company, 1969. 176 pp.
2. Alderman, L R. "Public Education of Adults," Chapter X, pp. 285-310 in Biennial Survey of Education, 1924-1926. Department of the Interior, Bureau of Education. Bulletin, 1928, No. 25. Washington, D.C.: U.S. Government Printing Office, 1928.
3. Barr, Richard H., and Scott, Geraldine J. Statistics of State School Systems, 1967-68. Office of Education Publication No. OE-20020-68. Washington, D.C.: U.S. Government Printing Office, 1971. 98 pp.
4. Bogue, Jesse (ed.) Junior College Directory, 1957. Washington, D.C.: American Association of Junior Colleges, 1957. 49 pp.
5. Colvert, C.C., and Litton M.L. Junior College Directory, 1953. Washington, D.C.: American Association of Junior Colleges, 1953. 51 pp.
6. Gaumnitz, W.H., and Stanton, H.L. Supervision of Education for Out-of-School Youth and Adults as a Function of State Departments of Education. Federal Security Agency, Office of Education, Bulletin 1940, No. 6, Monograph No. 12. Washington, D.C.: U.S. Government Printing Office, 1941. 85 pp.
7. Greenleigh Associates, Inc. Inventory of Federally Supported Adult Education Programs: Report to the President's National Advisory Committee on Adult Basic Education. New York: Greenleigh Associates, Inc., January 1968. 140 pp.
8. _____, Inventory of Federally Supported Extension and Continuing Education Programs: Report to the President's National Advisory Council on Extension and Continuing Education. Part II: Program Abstracts and Indexes. New York: Greenleigh Associates, Inc., March 1967. 318 pp.
9. Hobson, Carol Joy, and Schloss, Samuel. Statistics of State School Systems, 1959-60. Office of Education Publication No. OE-20020-60. Washington, D.C.: U.S. Government Printing Office, 1963. 108 pp.

10. _____, Statistics of State School Systems, 1961-62. Office of Education Publication No. OE-20020-62. Washington, D.C.: U.S. Government Printing Office, 1964. 102 pp.
11. Holden, John B. "Adult Education and the Public Schools." Chapter 7, pp. 307-344 in Education in the States: Nationwide Development Since 1900. A project of the Council of Chief State School Officers. Edgar Fuller and Jim B. Pearson (eds.). Washington D.C.: National Education Association of the United States, 1969.
12. _____, Adult Education Services of State Departments of Education. Office of Education Publication Misc. No. 31. Washington, D.C.: U.S. Government Printing Office, 1959. 48 pp.
13. Hutchins, Clayton D., and Barr, Richard H. Statistics of State School Systems, 1965-66. Office of Education Publication No. OE-20020-66. Washington, D.C.: U.S. Government Printing Office, 1968. 77 pp.
14. Johnstone, John W.C., and Rivera, Ramon J. Volunteers for Learning. National Opinion Research Center, Chicago: Aldine Publishing Company, 1965. 624 pp.
15. Kempfer, Homer. Adult Education Activities of the Public Schools, Report of a Survey, 1947-48. Federal Security Agency, Office of Education Pamphlet No. 107, Washington, D.C.: U.S. Government Printing Office, 1949. 21 pp.
16. National Association for Public School Adult Education. The Public School Adult Education Almanac, 1968. Washington, D.C.: National Association for Public School Adult Education, 1968. 157 pp.
17. National Association for Public Continuing & Adult Education. The Public Continuing and Adult Education Almanac, 1970, Washington, D.C.: National Association for Public and Continuing & Adult Education, 1970. 161 pp.
18. _____, The Public Continuing & Adult Education Almanac, 1971. Washington, D.C.: National Association for Public Continuing & Adult Education, 1971. 155 pp.
19. National Education Association, Division of Adult Education Service. A Study of Urban Public School Adult Education Programs of the United States. Washington, D.C.: National Education Association, September 1952. 171 pp.
20. _____, Research Division. "Adult Education Statistics, 1968-69." NEA Research Memo, 1968-16. Washington, D.C.: National Adult Education Association, December 1968. 18 pp.

21. _____, "Adult Education Statistics, 1969-70." NEA Research Memo, 1970-13. Washington, D.C.: National Education Association, June 1970. 14 pp.
22. Okes, Imogene, E. Participation in Adult Education, 1969: Initial Report. Office of Education Publication No. OE 72-1, Catalog No. HE 5.213: 13041, Washington, D.C.: U.S. Government Printing Office, 1971. 55 pp.
23. Olds, Edward B. Financing Adult Education in America's Public Schools. Washington, D.C.: National Commission on Adult Education Finance, appointed by the Adult Education Association of the United States, November 1954. 20 pp. Summary of subsequent report.
24. Quattlebaum, Charles A. Federal Education Policies, Programs and Proposals, A Survey and Handbook. Part I. Background, Issues, Relevant Considerations. 167 pp. Part II. Survey of Federal Educational Activities. 505 pp. Part III. Analysis and Classification of the Programs. 333 pp. Prepared by The Legislative Reference Service of the Library of Congress for the U.S. House of Representatives' Committee on Education and Labor, 90th Congress, 2d Session. House Document 398. Washington, D.C.: U.S. Government Printing Office. December 1968.
25. Schloss, Samuel, and Hobson, Carol Joy. "Statistics of State School Systems: 1957-58." Chapter 2 of Vol. I Biennial Survey of Education in the United States, 1956-58. Office of Education. Washington, D.C.: U.S. Government Printing Office, 1961. 100 pp.
26. U.S. Office of Education. National Center for Educational Statistics, Elementary-Secondary Studies Branch. Statistics of State School Systems, 1963-64. Office of Education Publication No. OE-20020-64. Washington, D.C.: U.S. Government Printing Office, 1967. 105 pp.
27. Woodward, Marthine V. Adult Education in Public Schools, 1940-56. Office of Education Publication No. OE-13000. Circular No. 602. Washington, D.C.: U.S. Government Printing Office, 1960. 14 pp.
28. _____, Statistics of Public School Adult Education, 1958-59. Office of Education Publication No. OE-13009. Circular No. 660. Washington, D.C.: U.S. Government Printing Office, 1961. 49 pp.

APPENDIX C

SURVEY INSTRUMENT

- Letter of Transmittal to
Chief State School Officers (CSSO)
- Postcard Acknowledgment and
Appointment by CSSO of State
Coordinator for Adult Education Survey
- OE Form 2323: Data Collection Instrument
With Instructions



NATIONAL CENTER FOR
EDUCATIONAL STATISTICS

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
OFFICE OF EDUCATION
WASHINGTON, D.C. 20202

April 24, 1970

REFER TO:

DSPA/AVSB

To: Chief State School Officers

There is a need for current, reliable statistical data about adult education in the public education system. The last survey made by the U. S. Office of Education concerning Statistics on Public School Adult Education is dated 1958-59. To help fill this information gap, the National Center for Educational Statistics is undertaking a survey based on 1968-69 and 1969-70 fiscal years.

This survey is limited to a listing of programs offered in the State and to State summaries of students enrolled and teachers employed. Information is being requested program-by-program according to funding from Federal, State, and local sources so as to provide comparability of data within the limitations of this survey.

States differ in their administration of adult education. Data about adult education in the States may come from several sources. For these reasons, you, as the head of the State education agency, are being asked to cooperate in the collection of adult education statistics for your State. Information that you submit can then be compared with that obtained from other States.

In many States all public adult education is a responsibility of the State Department of Education. Some States may place responsibility for all adult education under the agency responsible for community and junior colleges. In other States adult education, including occupational training for adults, may be under the jurisdiction of the agency responsible for vocational and technical education. In order that public adult education in your State may be completely reported, all sources of information should be contacted.

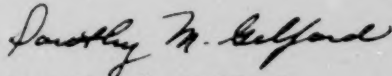
Page 2

The National Council of State Directors of Adult Education has offered its cooperation for this survey of Adult Education in the Public Education System. Therefore, an information copy of this letter is being forwarded to your State Director of Adult Education. An information copy is also being forwarded to your State CEDS representative in accordance with our agreement to keep the CCSSO Committee on Educational Data Systems informed about data requests from State education agencies.

Please return the enclosed addressed postcard at your earliest convenience to notify us of the person to whom you have delegated this survey assignment.

Your cooperation and that of your staff is appreciated in providing data from which your State as well as the Nation should benefit.

Sincerely yours,



Dorothy M. Gilford
Assistant Commissioner for
Educational Statistics

2 Enclosures:
Form OE-2323
Postcard

cc: State Director of Adult Education
Representative of CEDS (Committee
on Educational Data Systems)

DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
OFFICE OF EDUCATION
WASHINGTON, D.C. 20202

OFFICIAL BUSINESS



POSTAGE AND FEES PAID
U.S. DEPARTMENT OF H.E.W.

U.S. Office of Education
National Center for Educational Statistics
400 Maryland Avenue, SW.
Washington, D.C. 20202

ATTENTION: Adult and Vocational Education
Surveys Branch, Room 1105

Budget Bureau No. 51-570001, Approval Expires: 9/30/70

Coordinator for completion of OE Form 2323, Adult Education in the Public
Education System, is: *(print or type)*

NAME *(Last, first, middle initial)*

TITLE

ADDRESS *(number, street, city, State, and ZIP code)*

TELEPHONE

AREA CODE

NUMBER

EXTENSION

DATE

SIGNATURE OF CHIEF STATE SCHOOL OFFICER

OE FORM 2323-1, 3/70

COORDINATOR FOR ADULT EDUCATION IN
THE PUBLIC EDUCATION SYSTEM FORM

INSTRUCTIONS FOR
ADULT EDUCATION IN THE PUBLIC EDUCATION SYSTEM
(OE Form 2323, 3/70)

BEST COPY AVAILABLE

GENERAL INSTRUCTIONS

Please read instructions before completing OE Form 2323.

Complete and return OE Form 2323 by June 30, 1970.

If there is need for clarification, write or telephone Imogene Oakes at the address below (telephone 202, 963-5967). Mail the completed form or forms in the enclosed addressed envelope to: U.S. Office of Education, National Center for Educational Statistics, 400 Maryland Avenue, SW., Washington, D.C. 20202, Attention: Adult and Vocational Education Surveys Branch, Room 1105.

Fill out a separate form for adult education administered in public community and junior colleges. The same form and instructions apply whether report is for elementary/secondary education agencies or for community and junior colleges.

PURPOSE

The limited objective of this 1968-69, 1969-70 survey is to secure information relating to the scope of adult education in the public education system, the extent of public school involvement, the numbers of students and teachers engaged in adult education, and general description of public adult education programs offered.

DEFINITIONS

For purposes of obtaining comparable data for this survey, the definitions below should be commonly used. Additional definitions appear in the specific instructions to clarify particular points.

Adult Education—organized instruction to meet the unique needs of persons beyond compulsory school age who have interrupted or completed their formal full-time schooling.

Public Education System—schools, at the elementary, secondary, vocational, technical, and community or junior college levels, operated or controlled under authority vested in publicly elected or appointed officials, and supported primarily by public funds.

Public School Involvement—the implication of the school in any one or all elements of education: students, teachers, subjects, facilities, equipment, funds, administration.

Program—a major agency endeavor, mission oriented, which fulfills statutory or executive requirements, and which is defined in terms of the principal actions required to achieve a significant objective.

Organized Instruction—activities arranged to enhance learning in academic and occupational courses. INCLUDED are high school credit courses. EXCLUDED are college credit courses. Activities may be of any duration. Instruction may be for any level from basic orientation to professional refresher. Activities include single class or multiple classes, workshops, seminars, institutes, lecture-discussion series, study groups, laboratories, shop courses, and other kinds of student-teacher instructional relationships.

Activity—see organized instruction.

Responsible Agency—that administrative unit which officially authorizes organized instruction and generally wholly or partially finances such instruction. The agency may fully or cooperatively implement organized instruction by providing one or more of the elements of education: students, teachers, subjects, facilities, equipment, funds, administration.

Enrollment—total number of registrations in adult education activities in the public education system.

Instructional Staff—a teacher or other staff member performing assigned duties in guiding and directing the learning experiences of persons in an instructional situation. Excluded are augmentative services such as counselors and librarians, and administrative personnel such as supervisors, principals, and clerks.

Full-time—at least 15 hours per week in instruction. This applies to both students and staff.

Part-time—less than 15 hours per week in instruction. This applies to both students and staff.

Unduplicated Count—counted only once no matter how frequent the occurrence. This applies to students, staff, and programs.

SPECIFIC INSTRUCTIONS

COLUMN (1), INSTRUCTIONAL PROGRAMS. This column is for organized instruction offered to adults through the public education system. On-job professional development workshops for teachers are included if given through the public schools. If a teacher is given leave or uses her evening or weekend time to go outside the public schools, e.g., to a State university, to attend a training seminar, workshop, or course, such program would NOT be counted as a public school sponsored adult education program. However, if a public school or school system gathered its teachers together for a non-school day session and provided the instruction to the class of teachers, this would be considered a public school adult education instructional program.

Research and development programs are NOT included. Programs for acquisition of equipment and facilities are NOT included.

Federal Programs. There are listed some adult education programs made possible through Federal funds. A key to abbreviations for Federal agencies sponsoring adult education is included at the end of the instructions. There is a space to add other federally funded adult education programs. Use continuation sheets if more space is needed. The list provided has two purposes: to permit the collection of comparable data among States, and to locate sources of adult education activities in each State.

When a program has multisponsorship, such as Federal, State and local, report it only once at time of first occurrence on the list and note cross-reference in space provided for succeeding sponsors.

When programs are combined, as for instance ABE and MDTA, report only once by primary program and note cross-reference in space for secondary program or programs.

State and Local Programs. There are two sections for you to write in adult education programs: (1) State-sponsored, and (2) locally-sponsored. Keep in mind that these listings are only for organized instructional programs in which there is some kind of public school involvement. Other activities offered through a local business, the YWCA, a sporting club, library, hospital, church, neighborhood center, or some other organization, are to be listed only if there is some public school involvement in the organized instruction provided.

State Programs are those with public school involvement under the auspices of a State authority such as State education agency, State vocational education division, State community or junior college board, State employment security office, State public health service, etc.

Local Programs are those with public school involvement fostered by the city, township, county or other local public school board, individual public school, or other local public authority.

Report State and local programs as ordinarily reported in your State. Probably this will be by target group, or subject matter, or source of funds. Please list teacher training, such as on-job professional development workshop, as a separate program.

Use continuation sheets if you need more space to report State and local programs.

COLUMNS (2) THROUGH (5), RESPONSIBLE AGENCY. These columns should be used to indicate the extent of public school involvement in adult education instructional programs. If the public school fully sponsors and administers the program, place a check mark in Column (2).

If the public school provides, for example, the teacher, classroom, curriculum, or funds, and another agency provides the students and administers the program, give the name of the cooperating agency in Column (3). If the cooperating agency supplies 50 percent or more of the funds, star (*) the agency. It is the intent of this survey to ascertain only whether cooperation exists and with whom.

If the Federal adult education program is operated completely by another agency, and the public education system is not involved, give the name of that agency in Column (4). MAKE NO ENTRIES IN ANY OTHER COLUMNS.

If the Federal program is not offered in your State at all, place a check mark in Column (5).

(continued on reverse)

COLUMNS (6) THROUGH (9), ENROLLMENT. For purposes of this survey, enrollment is the total number of registrations.

In Column (6), enter total **FULL-TIME** (at least 15 hours per week) enrollment for each adult education program with public school involvement for the period July 1, 1968 through June 30, 1969. In Column (7), enter estimated full-time enrollment for each adult education program with public school involvement for the period July 1, 1969 through June 30, 1970.

In Columns (8) and (9), enter **PART-TIME** (less than 15 hours per week) enrollment for each program for the respective fiscal years.

Also, in the space provided at beginning of Columns (6) through (9), enter the estimated **UNDUPLICATED** totals of separate individuals taking adult education—count each individual only once no matter how many classes he or she took. In the space provided at the end of the form, page 8, please indicate the process or information used to estimate unduplicated count.

COLUMNS (10) THROUGH (13), INSTRUCTIONAL STAFF. For purposes of this survey, instructional staff is a teacher or other staff member performing assigned duties in guiding and directing the learning experiences of persons in an instructional situation. Excluded are administrative services such as counselors and librarians, and administrative personnel such as supervisors, principals, and clerks. In Column (10), enter the total number of **FULL-TIME** (at least 15 hours per week) teaching and other instructional staff for each adult education program with public school involvement for the period July 1, 1968 through June 30, 1969. In Column (11), enter the estimated number for the period July 1, 1969 through June 30, 1970.

In Columns (12) and (13), enter the total number of **PART-TIME** (less than 15 hours per week) teaching and other instructional staff for each program for the respective fiscal years.

In the space provided at beginning of Columns (10) through (13), enter the estimated **UNDUPLICATED** totals of separate individual teaching and other instructional staff members—count each person only once no matter how many classes he or she taught. In the space provided at

the end of the form, page 8, indicate the process or information used to estimate unduplicated count.

COLUMNS (14) THROUGH (18), DESCRIPTION OF PROGRAM. Place a check mark in all the columns that apply to each adult education program with public school involvement and state the primary purpose.

Column (14), **Basic Education** includes Adult Basic Education as normally taught in grades 1 through 8, with emphasis usually on reading, writing, arithmetic, and social skills. Basic education also includes Americanization programs for immigrants such as American Government and English for Foreigners.

Column (15), **High School or GED** includes programs offering courses normally taught in grades 9 through 12 to prepare the student for a high school diploma or equivalent, as well as remedial work for the General Education Development (GED) examinations.

Column (16), **Occupational Training** includes all skill instructional programs whether preparatory for a new job or supplementary for advancement or improvement in a present job or to change jobs. Instruction may be for any level from basic orientation to professional refresher.

Column (17), **General and College Subjects** may include all academic subjects for general or cultural information, civic and public affairs, safety, home and family living, personal development, and similar topics. Activities may be of any duration from a few hours to multisection. Noncredit academic programs in community or junior colleges should be entered here.

Column (18), **Other.** Include lessons in hobbies and handicrafts, sports lessons, and recreational lessons here. Please identify briefly.

Be sure totals are computed for each section and for all sections of the survey form. When totaling all Federal, State, and local programs, please enter **UNDUPLICATED** count of programs—count a program only once even though it may be multisponsored or combined.

**KEY TO ABBREVIATIONS OF FEDERAL AGENCIES
FUNDING ADULT EDUCATION PROGRAMS**

Ag - Department of Agriculture
AOA - Administration on Aging
BIA - Bureau of Indian Affairs
Bpr. Prisons - Bureau of Prisons
Defense - Department of Defense
Extension Service - Federal Extension Service
HEW - Department of Health, Education, and Welfare
Interior - Department of Interior
Justice - Department of Justice
Labor - Department of Labor
Law Enforcement Asst. - Office of Law Enforcement Assistance
OE - U.S. Office of Education
OEO - Office of Economic Opportunity
PHS - Public Health Service
RSA - Rehabilitation Services Administration (formerly Vocational Rehabilitation)
Small Business Admin. - Small Business Administration
SRS - Social and Rehabilitation Service

BEST COPY AVAILABLE

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
OFFICE OF EDUCATION
WASHINGTON, D.C. 20302

ADULT EDUCATION IN THE PUBLIC EDUCATION SYSTEM, 1968-69 and 1969-70

Please read instructions before completing this form. Use continuation sheets if you need more space to report instructional programs.

BUDGET BUREAU NO. 51-53851
APPROVAL EXPIRES 9 30 70
REPORTING PERIOD
June 30, 1970

CHECK THE ADMINISTERING AGENCY FOR ADULT EDUCATION ACTIVITIES REPORTED ON THIS FORM				PERSON COMPLETING THIS FORM	
☐ ELEMENTARY AND SECONDARY SCHOOLS ☐ COMMUNITY AND JUNIOR COLLEGES				NAME	TITLE
CHECK THE PUBLIC EDUCATION SYSTEM ☐ CON- TACTED ☐ NOT CON- TACTED				TELE- PHONE	AREA CODE
CHECK THE NUMBER OF FORMS SUBMITTED ☐ 1 ☐ 2				ADDRESS (Number, street, city, town, and ZIP code)	
CHECK THE ENROLLMENT ☐ FULL-TIME ☐ PART-TIME				DESCRIPTION OF PROGRAM (Check all that apply and give the primary purpose)	
RESPONSIBLE AGENCY (Check or specify as appropriate)				OTHER (Specify)	
FULLY SPON- SORED ☐ PUBLIC ☐ STATE ☐ LOCAL				BASIC EDUCATION ☐ VOCATIONAL ☐ TRAINING ☐ SUBJECTS	
OPERATED BY ☐ OTHER AGENCY ☐ SPECIFIC AGENCY ☐ OTHER AGENCY ☐ SPECIFIC AGENCY				GEN- ERAL ☐ COL- LEGE ☐ SUB- JECTS	
COOPERATIVELY ☐ OFFERED WITH ☐ ANOTHER AGENCY ☐ SPECIFIC AGENCY				HIGH SCHOOL ☐ VOCATIONAL ☐ TRAINING ☐ SUBJECTS	
NOT ☐ CON- TACTED ☐ NOT CON- TACTED				1968-70 ☐ (Esti- mated) ☐ (Actual)	
1969-70 ☐ (Esti- mated) ☐ (Actual)				1968-69 ☐ (Esti- mated) ☐ (Actual)	
1969-68 ☐ (Esti- mated) ☐ (Actual)				1967-68 ☐ (Esti- mated) ☐ (Actual)	
1966-67 ☐ (Esti- mated) ☐ (Actual)				1965-66 ☐ (Esti- mated) ☐ (Actual)	
1964-65 ☐ (Esti- mated) ☐ (Actual)				1963-64 ☐ (Esti- mated) ☐ (Actual)	
1962-63 ☐ (Esti- mated) ☐ (Actual)				1961-62 ☐ (Esti- mated) ☐ (Actual)	
1960-61 ☐ (Esti- mated) ☐ (Actual)				1959-60 ☐ (Esti- mated) ☐ (Actual)	
1958-59 ☐ (Esti- mated) ☐ (Actual)				1957-58 ☐ (Esti- mated) ☐ (Actual)	
1956-57 ☐ (Esti- mated) ☐ (Actual)				1955-56 ☐ (Esti- mated) ☐ (Actual)	
1954-55 ☐ (Esti- mated) ☐ (Actual)				1953-54 ☐ (Esti- mated) ☐ (Actual)	
1952-53 ☐ (Esti- mated) ☐ (Actual)				1951-52 ☐ (Esti- mated) ☐ (Actual)	
1950-51 ☐ (Esti- mated) ☐ (Actual)				1949-50 ☐ (Esti- mated) ☐ (Actual)	
1948-49 ☐ (Esti- mated) ☐ (Actual)				1947-48 ☐ (Esti- mated) ☐ (Actual)	
1946-47 ☐ (Esti- mated) ☐ (Actual)				1945-46 ☐ (Esti- mated) ☐ (Actual)	
1944-45 ☐ (Esti- mated) ☐ (Actual)				1943-44 ☐ (Esti- mated) ☐ (Actual)	
1942-43 ☐ (Esti- mated) ☐ (Actual)				1941-42 ☐ (Esti- mated) ☐ (Actual)	
1940-41 ☐ (Esti- mated) ☐ (Actual)				1939-40 ☐ (Esti- mated) ☐ (Actual)	
1938-39 ☐ (Esti- mated) ☐ (Actual)				1937-38 ☐ (Esti- mated) ☐ (Actual)	
1936-37 ☐ (Esti- mated) ☐ (Actual)				1935-36 ☐ (Esti- mated) ☐ (Actual)	
1934-35 ☐ (Esti- mated) ☐ (Actual)				1933-34 ☐ (Esti- mated) ☐ (Actual)	
1932-33 ☐ (Esti- mated) ☐ (Actual)				1931-32 ☐ (Esti- mated) ☐ (Actual)	
1930-31 ☐ (Esti- mated) ☐ (Actual)				1929-30 ☐ (Esti- mated) ☐ (Actual)	
1928-29 ☐ (Esti- mated) ☐ (Actual)				1927-28 ☐ (Esti- mated) ☐ (Actual)	
1926-27 ☐ (Esti- mated) ☐ (Actual)				1925-26 ☐ (Esti- mated) ☐ (Actual)	
1924-25 ☐ (Esti- mated) ☐ (Actual)				1923-24 ☐ (Esti- mated) ☐ (Actual)	
1922-23 ☐ (Esti- mated) ☐ (Actual)				1921-22 ☐ (Esti- mated) ☐ (Actual)	
1920-21 ☐ (Esti- mated) ☐ (Actual)				1919-20 ☐ (Esti- mated) ☐ (Actual)	
1918-19 ☐ (Esti- mated) ☐ (Actual)				1917-18 ☐ (Esti- mated) ☐ (Actual)	
1916-17 ☐ (Esti- mated) ☐ (Actual)				1915-16 ☐ (Esti- mated) ☐ (Actual)	
1914-15 ☐ (Esti- mated) ☐ (Actual)				1913-14 ☐ (Esti- mated) ☐ (Actual)	
1912-13 ☐ (Esti- mated) ☐ (Actual)				1911-12 ☐ (Esti- mated) ☐ (Actual)	
1910-11 ☐ (Esti- mated) ☐ (Actual)				1909-10 ☐ (Esti- mated) ☐ (Actual)	
1908-09 ☐ (Esti- mated) ☐ (Actual)				1907-08 ☐ (Esti- mated) ☐ (Actual)	
1906-07 ☐ (Esti- mated) ☐ (Actual)				1905-06 ☐ (Esti- mated) ☐ (Actual)	
1904-05 ☐ (Esti- mated) ☐ (Actual)				1903-04 ☐ (Esti- mated) ☐ (Actual)	
1902-03 ☐ (Esti- mated) ☐ (Actual)				1901-02 ☐ (Esti- mated) ☐ (Actual)	
1900-01 ☐ (Esti- mated) ☐ (Actual)				1899-00 ☐ (Esti- mated) ☐ (Actual)	
1898-99 ☐ (Esti- mated) ☐ (Actual)				1897-98 ☐ (Esti- mated) ☐ (Actual)	
1896-97 ☐ (Esti- mated) ☐ (Actual)				1895-96 ☐ (Esti- mated) ☐ (Actual)	
1894-95 ☐ (Esti- mated) ☐ (Actual)				1893-94 ☐ (Esti- mated) ☐ (Actual)	
1892-93 ☐ (Esti- mated) ☐ (Actual)				1891-92 ☐ (Esti- mated) ☐ (Actual)	
1890-91 ☐ (Esti- mated) ☐ (Actual)				1889-90 ☐ (Esti- mated) ☐ (Actual)	
1888-89 ☐ (Esti- mated) ☐ (Actual)				1887-88 ☐ (Esti- mated) ☐ (Actual)	
1886-87 ☐ (Esti- mated) ☐ (Actual)				1885-86 ☐ (Esti- mated) ☐ (Actual)	
1884-85 ☐ (Esti- mated) ☐ (Actual)				1883-84 ☐ (Esti- mated) ☐ (Actual)	
1882-83 ☐ (Esti- mated) ☐ (Actual)				1881-82 ☐ (Esti- mated) ☐ (Actual)	
1880-81 ☐ (Esti- mated) ☐ (Actual)				1879-80 ☐ (Esti- mated) ☐ (Actual)	
1878-79 ☐ (Esti- mated) ☐ (Actual)				1877-78 ☐ (Esti- mated) ☐ (Actual)	
1876-77 ☐ (Esti- mated) ☐ (Actual)				1875-76 ☐ (Esti- mated) ☐ (Actual)	
1874-75 ☐ (Esti- mated) ☐ (Actual)				1873-74 ☐ (Esti- mated) ☐ (Actual)	
1872-73 ☐ (Esti- mated) ☐ (Actual)				1871-72 ☐ (Esti- mated) ☐ (Actual)	
1870-71 ☐ (Esti- mated) ☐ (Actual)				1869-70 ☐ (Esti- mated) ☐ (Actual)	
1868-69 ☐ (Esti- mated) ☐ (Actual)				1867-68 ☐ (Esti- mated) ☐ (Actual)	
1866-67 ☐ (Esti- mated) ☐ (Actual)				1865-66 ☐ (Esti- mated) ☐ (Actual)	
1864-65 ☐ (Esti- mated) ☐ (Actual)				1863-64 ☐ (Esti- mated) ☐ (Actual)	
1862-63 ☐ (Esti- mated) ☐ (Actual)				1861-62 ☐ (Esti- mated) ☐ (Actual)	
1860-61 ☐ (Esti- mated) ☐ (Actual)				1859-60 ☐ (Esti- mated) ☐ (Actual)	
1858-59 ☐ (Esti- mated) ☐ (Actual)				1857-58 ☐ (Esti- mated) ☐ (Actual)	
1856-57 ☐ (Esti- mated) ☐ (Actual)				1855-56 ☐ (Esti- mated) ☐ (Actual)	
1854-55 ☐ (Esti- mated) ☐ (Actual)				1853-54 ☐ (Esti- mated) ☐ (Actual)	
1852-53 ☐ (Esti- mated) ☐ (Actual)				1851-52 ☐ (Esti- mated) ☐ (Actual)	
1850-51 ☐ (Esti- mated) ☐ (Actual)				1849-50 ☐ (Esti- mated) ☐ (Actual)	
1848-49 ☐ (Esti- mated) ☐ (Actual)				1847-48 ☐ (Esti- mated) ☐ (Actual)	
1846-47 ☐ (Esti- mated) ☐ (Actual)				1845-46 ☐ (Esti- mated) ☐ (Actual)	
1844-45 ☐ (Esti- mated) ☐ (Actual)				1843-44 ☐ (Esti- mated) ☐ (Actual)	
1842-43 ☐ (Esti- mated) ☐ (Actual)				1841-42 ☐ (Esti- mated) ☐ (Actual)	
1840-41 ☐ (Esti- mated) ☐ (Actual)				1839-40 ☐ (Esti- mated) ☐ (Actual)	
1838-39 ☐ (Esti- mated) ☐ (Actual)				1837-38 ☐ (Esti- mated) ☐ (Actual)	
1836-37 ☐ (Esti- mated) ☐ (Actual)				1835-36 ☐ (Esti- mated) ☐ (Actual)	
1834-35 ☐ (Esti- mated) ☐ (Actual)				1833-34 ☐ (Esti- mated) ☐ (Actual)	
1832-33 ☐ (Esti- mated) ☐ (Actual)				1831-32 ☐ (Esti- mated) ☐ (Actual)	
1830-31 ☐ (Esti- mated) ☐ (Actual)				1829-30 ☐ (Esti- mated) ☐ (Actual)	
1828-29 ☐ (Esti- mated) ☐ (Actual)				1827-28 ☐ (Esti- mated) ☐ (Actual)	
1826-27 ☐ (Esti- mated) ☐ (Actual)				1825-26 ☐ (Esti- mated) ☐ (Actual)	
1824-25 ☐ (Esti- mated) ☐ (Actual)				1823-24 ☐ (Esti- mated) ☐ (Actual)	
1822-23 ☐ (Esti- mated) ☐ (Actual)				1821-22 ☐ (Esti- mated) ☐ (Actual)	
1820-21 ☐ (Esti- mated) ☐ (Actual)				1819-20 ☐ (Esti- mated) ☐ (Actual)	
1818-19 ☐ (Esti- mated) ☐ (Actual)				1817-18 ☐ (Esti- mated) ☐ (Actual)	
1816-17 ☐ (Esti- mated) ☐ (Actual)				1815-16 ☐ (Esti- mated) ☐ (Actual)	
1814-15 ☐ (Esti- mated) ☐ (Actual)				1813-14 ☐ (Esti- mated) ☐ (Actual)	
1812-13 ☐ (Esti- mated) ☐ (Actual)				1811-12 ☐ (Esti- mated) ☐ (Actual)	
1810-11 ☐ (Esti- mated) ☐ (Actual)				1809-10 ☐ (Esti- mated) ☐ (Actual)	
1808-09 ☐ (Esti- mated) ☐ (Actual)				1807-08 ☐ (Esti- mated) ☐ (Actual)	
1806-07 ☐ (Esti- mated) ☐ (Actual)				1805-06 ☐ (Esti- mated) ☐ (Actual)	
1804-05 ☐ (Esti- mated) ☐ (Actual)				1803-04 ☐ (Esti- mated) ☐ (Actual)	
1802-03 ☐ (Esti- mated) ☐ (Actual)				1801-02 ☐ (Esti- mated) ☐ (Actual)	
1800-01 ☐ (Esti- mated) ☐ (Actual)				1799-00 ☐ (Esti- mated) ☐ (Actual)	
1798-99 ☐ (Esti- mated) ☐ (Actual)				1797-98 ☐ (Esti- mated) ☐ (Actual)	
1796-97 ☐ (Esti- mated) ☐ (Actual)				1795-96 ☐ (Esti- mated) ☐ (Actual)	
1794-95 ☐ (Esti- mated) ☐ (Actual)				1793-94 ☐ (Esti- mated) ☐ (Actual)	
1792-93 ☐ (Esti- mated) ☐ (Actual)				1791-92 ☐ (Esti- mated) ☐ (Actual)	
1790-91 ☐ (Esti- mated) ☐ (Actual)				1789-90 ☐ (Esti- mated) ☐ (Actual)	
1788-89 ☐ (Esti- mated) ☐ (Actual)				1787-88 ☐ (Esti- mated) ☐ (Actual)	
1786-87 ☐ (Esti- mated) ☐ (Actual)				1785-86 ☐ (Esti- mated) ☐ (Actual)	
1784-85 ☐ (Esti- mated) ☐ (Actual)				1783-84 ☐ (Esti- mated) ☐ (Actual)	
1782-83 ☐ (Esti- mated) ☐ (Actual)				1781-82 ☐ (Esti- mated) ☐ (Actual)	
1780-81 ☐ (Esti- mated) ☐ (Actual)				1779-80 ☐ (Esti- mated) ☐ (Actual)	
1778-79 ☐ (Esti- mated) ☐ (Actual)				1777-78 ☐ (Esti- mated) ☐ (Actual)	
1776-77 ☐ (Esti- mated) ☐ (Actual)				1775-76 ☐ (Esti- mated) ☐ (Actual)	
1774-75 ☐ (Esti- mated) ☐ (Actual)				1773-74 ☐ (Esti- mated) ☐ (Actual)	
1772-73 ☐ (Esti- mated) ☐ (Actual)				1771-72 ☐ (Esti- mated) ☐ (Actual)	
1770-71 ☐ (Esti- mated) ☐ (Actual)				1769-70 ☐ (Esti- mated) ☐ (Actual)	
1768-69 ☐ (Esti- mated) ☐ (Actual)				1767-68 ☐ (Esti- mated) ☐ (Actual)	
1766-67 ☐ (Esti- mated) ☐ (Actual)				1765-66 ☐ (Esti- mated) ☐ (Actual)	
1764-65 ☐ (Esti- mated) ☐ (Actual)				1763-64 ☐ (Esti- mated) ☐ (Actual)	
1762-63 ☐ (Esti- mated) ☐ (Actual)				1761-62 ☐ (Esti- mated) ☐ (Actual)	
1760-61 ☐ (Esti- mated) ☐ (Actual)				1759-60 ☐ (Esti- mated) ☐ (Actual)	
1758-59 ☐ (Esti- mated) ☐ (Actual)				1757-58 ☐ (Esti- mated) ☐ (Actual)	
1756-57 ☐ (Esti- mated) ☐ (Actual)				1755-56 ☐ (Esti- mated) ☐ (Actual)	
1754-55 ☐ (Esti- mated) ☐ (Actual)				1753-54 ☐ (Esti- mated) ☐ (Actual)	
1752-53 ☐ (Esti- mated) ☐ (Actual)				1751-52 ☐ (Esti- mated) ☐ (Actual)	
1750-51 ☐ (Esti- mated) ☐ (Actual)				1749-50 ☐ (Esti- mated) ☐ (Actual)	
1748-49 ☐					

BEST COPY AVAILABLE

INSTRUCTIONAL PROGRAMS	FULLY SPONSORED PUBLIC EDUCATION SYSTEM	RESPONSIBLE AGENCY (Check or specify as appropriate)	OPERATED BY OTHER AGENCY (Specify agency) (Make no entries in any other columns)	NOT OFFERED IN THIS STATE	INSTRUCTIONAL STATE						DESCRIPTION OF PROGRAM (Check all that apply, and state the primary purpose)				
					FULL-TIME	PART-TIME	PART-TIME	FULL-TIME	PART-TIME	PART-TIME	BASIC EDUCATION	HIGH SCHOOL EDUCATION	OCCUPATIONAL TRAINING	GEN. AND SUBJ. LEGS	OTHER (Specify)
(1)					1955-75 (Enter number)	1955-75 (Enter number)	1955-75 (Enter number)	1955-75 (Enter number)	1955-75 (Enter number)	1955-75 (Enter number)	(14)	(15)	(16)	(17)	(18)
FEDERAL PROGRAMS (Continued)															
7. Training of Senior Citizens as DHEW															
8. Self-support Education and Training for Parents - Community Services Administration, SRS, DHEW															
9. WIN (Work Incentive Program) - Community Services Administration, SRS, DHEW, Labor															
10. Vocational Rehabilitation for Physically and Mentally Handicapped - RSA, SRS, DHEW															
11. Cuban Refugee Program - SRS, DHEW															
12. Agriculture and Home Economics Education - Extension Service, Agriculture															
13. Armed Forces Officer Voluntary Program - Military Personnel: Air Force, Army, Navy, and Marines - Defense															
14. Project 100,000 - Defense															
15. Project Transition (for military personnel going into civilian life) - Defense															
16. American Indian Adult Education - Bureau of Indian Affairs - BIA, Interior															
17. Citizenship Education and Training - Immigration and Naturalization Service, Justice															
18. Federal Prisoners Educational and Vocational Training - Bureau of Prisons, Justice															
19. Training in Corrections, Criminal Justice, Law Enforcement - Law Enforcement Assistance, Justice															
20. Neighborhood Youth Corps - Labor, OEO															

Enter when cooperating agency supplies 50 percent or more of funds.

(continued on reverse)

Page 2 of 8 pages.

BEST COPY AVAILABLE

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE OFFICE OF POSTSECONDARY EDUCATION WASHINGTON, D.C. 20540		CHECK THE ADMINISTERING AGENCY FOR ADULT EDUCATION ACTIVITIES REPORTED ON THIS FORM		FOR STATE OF		BUDGET BUREAU NO. 51-50001 APPROVAL EXPIRES 9/30/76											
ADULT EDUCATION IN THE PUBLIC EDUCATION SYSTEM, 1968-69 and 1969-70 (Continued)		ELEMENTARY AND SECONDARY SCHOOLS		COMMUNITY AND JUNIOR COLLEGES		REPORTING DATE June 30, 1970											
INSTRUCTIONAL PROGRAMS	FULLY FUNDED BY PUBLIC EDUCATION SYSTEM	RESPONSIBLE AGENCY (Check or specify as appropriate)		ENROLLMENT		INSTRUCTIONAL STAFF		DESCRIPTION OF PROGRAM									
		COOPERATIVELY OFFERED WITH ANOTHER AGENCY (Specify agency)	OPERATED BY OTHER AGENCY (Specify agency) (Make no entries in this column)	NOT OFFERED IN THIS STATE	1968-69	1969-70	1968-69	1969-70	BASIC EDUCATION	HIGH SCHOOL OR OCCUPATIONAL TRAINING	GEN. ED. AND COLLEGE SUBJECTS	OTHER (Specify)					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
FEDERAL PROGRAMS (Continued)																	
21. New Careers - Labor/OEO																	
22. Operation Mainstream - Labor/OEO																	
23. Job Corps Training for the Handicapped - Labor/OEO 58-59/Labor 59-70																	
24. Migrant and Seasonal Farm Workers - OEO																	
25. Community Action Program - OEO																	
26. VISTA - OEO																	
27. Management Development Program - Small Business Administration																	
Other Federal Programs (Specify)																	
28.																	
29.																	
30.																	
31.																	

OE FORM 2323, 3/76

Enter when nonoperating agency supplies 50 percent or more of funds.

(continued on reverse)

Page 3 of 8 pages.

BEST COPY AVAILABLE

DEPARTMENT OF HEALTH, EDUCATION AND WELFARE OFFICE OF EDUCATION WASHINGTON, D.C. 20202				CHECK THE ADMINISTERING AGENCY FOR ADULT EDUCATION ACTIVITIES REPORTED ON THIS FORM ☐ ELEMENTARY AND SECONDARY SCHOOLS ☐ COMMUNITY AND JUNIOR COLLEGES				FOR STATE OF		BUDGET BUREAU NO. 51-59689 APPROVAL EXPIRES 9 30 70							
ADULT EDUCATION IN THE PUBLIC EDUCATION SYSTEM, 1968-69 and 1969-70 STATE SPONSORED PROGRAMS				INSTRUCTIONAL STAFF				REPORTING DATE June 30, 1970									
RESPONSIBLE AGENCY (Check or specify as appropriate)				ENROLLMENT				DESCRIPTION OF PROGRAM (Check all that apply and list the primary purposes)									
INSTRUCTIONAL PROGRAMS	FULLY SPONSORED PUBLIC EDUCATION SYSTEM	COOPERATIVELY OFFERED WITH A NON-PUBLIC AGENCY (Specify agency)	OPERATED BY OTHER AGENCY (Name no entries in any other columns)	NOT OPERATED BY OTHER AGENCY IN THIS STATE	FULL-TIME		PART-TIME		INSTRUCTIONAL STAFF		HIGH SCHOOL OR GED	OCCUPATIONAL TRAINING	GEM AND COLLEGE SUBJECTS	OTHER (Specify)			
					1968-69	1969-70 (Enrollment)	1968-69	1969-70 (Enrollment)	1968-69	1969-70 (Enrollment)					1968-69	1969-70 (Enrollment)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
STATE PROGRAMS - TOTAL																	
TOTAL ESTIMATED UNDEVELOPED COUNT OF PERSONS																	
STATE PROGRAMS (Specify)																	

DE FORM 2323, 3/70

*Star when participating agency supplies 10 percent or more of funds.

(continued on reverse)

Page 5 of 8 pages.

BEST COPY AVAILABLE

[illegible]

whether when cooperating agency supplies 50 percent or more of funds.

Page 6 of 8 Pages

U.S. GOVERNMENT PRINTING OFFICE : 1974 O - 551-366

116

RELATED NCES PUBLICATIONS

- OE-13035 Adult Basic Education Program Statistics: Students and Staff Data, July 1, 1967 - June 30, 1968
- OE-13037 Adult Basic Education Program Statistics: Students and Staff Data, July 1, 1968 - June 30, 1969
- OE-13037-70 Adult Basic Education Program Statistics: Students and Staff Data, July 1, 1969 - June 30, 1970
- OE-73-11413 Adult Basic Education Program Statistics: Students and Staff Data, July 1, 1970 - June 30, 1971
- OE-74-11413 Adult Basic Education Program Statistics: Students and Staff Data, July 1, 1971 - June 30, 1972 and Selected Summaries of Fiscal Years 1968-72
- 74-162 Adult Education in Community Organizations, 1972
- OE-74-11103 Digest of Educational Statistics, 1973
- OE-73-11700 Guidelines for Identifying, Classifying, and Serving the Disadvantaged and Handicapped Under the Vocational Education Amendments of 1968
- OE-80069 Inventory of Vocational Education Statistics Available in Federal Agencies
- OE-13036 Noncredit Activities in Institutions of Higher Education, 1967-68, Institutional Distribution
- OE-13036-68 Noncredit Activities in Institutions of Higher Education, 1967-68, Registrations
- OE-73-11405 Noncredit Activities in Institutions of Higher Education, 1967-68, Professional and Technical Refresher Courses
- OE-72-1 Participation in Adult Education, 1969: Initial Report
- OE-74-11421 Statistics of State School Systems, 1969-70
- OE-80073 Vocational Education: Characteristics of Teachers and Students, 1969
- OE-73-11409 Vocational Education: Directory of Secondary Schools With Occupational Curriculums, Public-Nonpublic, 1971
- OE-73-11410 Vocational Education: Directory of Postsecondary Schools With Occupational Programs, Public and Private, 1971

UNITED STATES
GOVERNMENT PRINTING OFFICE
PUBLIC DOCUMENTS DEPARTMENT
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE
NEW 395



ERIC (2 copies)
Facility
4832 Rugby Ave.
Bethesda, MD 20014



U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Office of Education

74-165